

**Indiana Department of Environmental Management
Office of Water Quality
Notice of Public Comment Period and Public Meetings
Updated List of Impaired Waters under Section 303(d) of the CWA**

INTRODUCTION

The Indiana Department of Environmental Management's (IDEM) Office of Water Quality is preparing to update its List of Impaired Waters, as required by Section 303(d) of the Federal Clean Water Act (CWA). Under the Act, each state is required to assess its waters for compliance with the state's water quality standards, which are developed to protect beneficial uses for which the waters may be designated (fishing, swimming, drinking, etcetera). The state is then required to periodically prepare and make public a list of those waters not meeting water quality standards. The list of impaired waters will include the portion of the waterbody that is impaired, the pollutant(s) not meeting water quality standards thus causing the impairment, and a schedule for development of a Total Maximum Daily Load (TMDL). The list must be submitted to United States Environmental Protection Agency (U.S. EPA) by April 1, 2004.

A TMDL evaluation is a process that leads to the quantification of the amount of a specific pollutant discharged into a waterbody that can be assimilated and still meet the water quality standards. What constitutes a pollutant is described in Section 502(6) of the CWA, and includes materials such as sewage, chemical wastes, biological materials, and industrial, municipal, and agricultural waste. The definition also encompasses drinking water contaminants that are regulated under Section 1412 of the Safe Drinking Water Act. The TMDL will identify how much of the pollutant is coming from point sources and nonpoint sources. It will also specify the amount of pollutant reduction necessary from each source in order to meet the water quality standard set for that pollutant. A plan to reduce the amount of the pollutant coming from each source will be developed and implemented. The public will be invited to participate in the plan to develop and implement the TMDL.

REQUEST FOR PUBLIC COMMENTS

Pursuant to IC 13-18-2-3, the 2004 list will have a 90-day public comment period. The public is invited to review the list, and offer comments and suggestions as to the specific waterbodies included. Any person having water quality data to support or refute the listing of a specific waterbody or to add a waterbody to the list will be able to provide that information to IDEM during the public comment period. The list will also be available October 1, 2003 on IDEM's website at:

<http://www.IN.gov/ideM/water/planbr/wqs/303d.html>.

Mailed comments should be addressed to:

Lawrence Wu, Rules Section Chief
Watershed Branch
Office of Water Quality
Indiana Department of Environmental Management

P.O. Box 6015

Indianapolis, IN 46206-6015

Hand delivered comments will be accepted by the receptionist on duty at the IDEM Watershed Branch offices located in the Indiana Government Center North at 100 N. Senate Avenue, Room N1255, Monday through Friday between 8:15 a.m. and 4:45 p.m. Comments by facsimile may be sent to (317) 232-8406, Monday through Friday between 8:15 a.m. and 4:45 p.m. Please confirm timely receipt of faxed comments by calling Lawrence Wu at (317) 234-1805, or toll free at (800) 451-6027.

PUBLIC COMMENT PERIOD DEADLINE

This public comment period will begin on October 1, 2003, and end on December 29, 2003.

Comments must be postmarked, hand delivered or faxed no later than December 29, 2003.

PUBLIC MEETINGS

IDEM is planning two public meetings to discuss the list. These meetings will be held on the following dates:

Wednesday, November 12, 2003, 6:30 p.m. to 8:30 p.m. at
Indiana Vocational Technical College (IVY Tech) Auditorium
1 West 26th Street
Indianapolis, IN 46206

Wednesday, November 19, 2003, 6:00 p.m. to 8:00 p.m. at
Vincennes University Administration Building, Room 224
850 College Avenue
Jasper, IN 47546

CONSOLIDATED LISTING METHODOLOGY

For the development of the 2004 303(d) list, IDEM has followed, to the degree possible, the 305(b) and 303(d) reporting methods outlined in the U.S. EPA's July 21, 2003 Guidance for 2004 Assessment, Listing and Reporting Requirements pursuant to Sections 303(d) and 305(b) of the CWA. The 303(d) list was developed using the 305(b) Assessment Database. Interpretation of the data and listing decisions take into account IDEM's assessment methodologies, U.S. EPA's guidance, and IDEM's 303(d) Listing Methodology including recommendations outlined by Indiana's TMDL Advisory Group. A copy of IDEM's current 303(d) Listing Methodology is included at the end of this document. One aspect of U.S. EPA's guidance calls for a comprehensive listing of all monitored or assessed water bodies in the state, based on the state's assessment and listing methodology. Each waterbody is to be placed in one of five categories depending on the degree to which it supports designated uses. For an explanation of the five categories go to:

<http://www.IN.gov/idem/water/planbr/wqs/303toc.html>. The actual 303(d) list of impaired waters will consist of all waterbodies listed in Category 5. This category includes waters where the water quality standard is not attained because the waterbody is impaired or threatened by a pollutant(s) for which one or more TMDL(s) is needed.

It should be noted that the U.S. EPA's 2003 guidance does not change existing rules for listing and de-listing waterbodies from Category 5. The existing regulations still require states, at the request of the U. S. EPA's Regional Administrator, to demonstrate

good cause for not including waterbodies on the 303(d) list that were included on previous 303(d) lists (pursuant to 40 C.F.R. 130.7(b)(6)(iv)).

DEVELOPMENT OF DRAFT 2004 303(d) LIST

Waterbodies Proposed to be Removed from Category 5

In the draft 2004 303(d) list, IDEM proposes to move a number of waterbodies from Category 5 to Category 4B for specific parameters of concern. Category 4B includes waterbodies that are impaired or threatened for one or more designated uses but does not require the development of a TMDL because other pollution control requirements are reasonably expected to result in the attainment of the water quality standard in the future.

The specific parameters of concern and associated waterbodies proposed to be moved to Category 4B were all previously listed in Category 5 due to the existence of a fish consumption advisory (FCA) for that waterbody. These FCAs are based on the finding of unacceptable human health levels of one or more bioaccumulative substances such as mercury (Hg), polychlorinated biphenyls (PCBs) and pesticides in fish tissue. For more information about Indiana's FCAs go to:

http://www.IN.gov/isdh/dataandstats/fish/fish_adv_index.htm.

FCAs are not based on a violation of the water quality criterion in the water column for either mercury or PCBs, but are based on non-cancer risk-based analysis for the protection of public health. Additionally, the reduction of mercury, PCBs or pesticides in fish tissue will depend on other long term control measures such as air emission controls in contributing airsheds, national and statewide mercury reduction strategies (as the one recently proposed by the Quicksilver Caucus formed in 2001 by the Environmental Council of States - for more information go to:

<http://www.sso.org/ecos/QuickSilver%20Caucus.htm>), sediment dredging and disposal, and other source identification and elimination efforts.

For the 303(d) listing of mercury and PCBs as parameters of concern similar to the listing of other pollutants, it is IDEM's recommendation to list only those waterbodies that have a violation of water quality criterion in the water column for either mercury or PCBs which constitutes a threat to human health. Table 1 consists of waterbodies proposed to be moved from the 2002 Category 5 303(d) list of impaired waters to Category 4B for the FCA parameters of mercury and PCBs. The total number of waterbodies proposed to moved from Category 5 to Category 4B for the FCA parameters of mercury and PCBs is 168. Note: If one of these waterbodies was previously listed for another parameter(s) of concern, it will remain in Category 5 for that parameter(s), thus the number of waterbodies completely removed from the list due to this recommendation is significantly less.

Table 1: Waterbodies Proposed to be Moved from Category 5 to Category 4B based on changes to IDEM's Listing Methodology for Fish Consumption Advisories

TABLE 1: WATERBODIES PROPOSED TO BE MOVED FROM CATEGORY 5 TO CATEGORY 4B BASED ON CHANGES TO IDEM'S LISTING METHODOLOGY FOR FISH CONSUMPTION ADVISORIES				
303(d) NUMBER	MAJOR BASIN	COUNTY	WATERBODY NAME	PARAMETERS OF CONCERN RECOMMENDED FOR DE-LISTING IN 2004
2	GREAT LAKES	PORTER	PORTAGE BURNS WATERWAY (PREVIOUSLY BURNS DITCH)	FCA FOR PCB & HG

TABLE 1: WATERBODIES PROPOSED TO BE MOVED FROM CATEGORY 5 TO CATEGORY 4B BASED ON CHANGES TO IDEM'S LISTING METHODOLOGY FOR FISH CONSUMPTION ADVISORIES				
303(d) NUMBER	MAJOR BASIN	COUNTY	WATERBODY NAME	PARAMETERS OF CONCERN RECOMMENDED FOR DE-LISTING IN 2004
4	UPPER WABASH	NOBLE	CROOKED LAKE	FCA FOR HG
7	GREAT LAKES	ELKHART	ELKHART RIVER	FCA FOR PCB & HG
8	GREAT LAKES	LAKE	GRAND CALUMET RIVER – GARY TO INDIANA HARBOR CANAL	FCA FOR PCB & HG
8	GREAT LAKES	LAKE	GRAND CALUMET RIVER – HEADWATERS	FCA FOR PCB & HG
9	GREAT LAKES	LAKE	GRAND CALUMET RIVER – ILLINOIS TO INDIANA HARBOR CANAL	FCA FOR PCB & HG
10	GREAT LAKES	LAKE	MARQUETTE PARK LAGOONS	FCA FOR PCB
11	GREAT LAKES	LAKE	INDIANA HARBOR CANAL MAIN CHANNEL	FCA FOR PCB & HG
12	GREAT LAKES	LAKE	LAKE GEORGE BRANCH – IHC	FCA FOR PCB & HG
13	GREAT LAKES	STEUBEN	JIMMERSON LAKE	FCA FOR HG
14	GREAT LAKES	ST. JOSEPH	JUDAY CREEK	FCA FOR PCB
15	GREAT LAKES	LAKE	LAKE GEORGE	FCA FOR PCB
16	GREAT LAKES	STEUBEN	LAKE JAMES	FCA FOR HG
17	GREAT LAKES	LAKE, PORTER, LAPORTE	LAKE MICHIGAN SHORELINE	FCA FOR PCB & HG
18	GREAT LAKES	LAGRANGE	LAKE SHIPSEWANA	FCA FOR PCB
19	GREAT LAKES	KOSCIUSKO	WABEE LAKE	FCA FOR HG
20	GREAT LAKES	KOSCIUSKO	LAKE WAWASEE	FCA FOR PCB & HG
21	GREAT LAKES	PORTER	LITTLE CALUMET RIVER	FCA FOR PCB & HG
22	GREAT LAKES	PORTER, LAPORTE	LITTLE CALUMET RIVER	FCA FOR PCB & HG
23	UPPER ILLINOIS	LAKE	LITTLE CALUMET RIVER	FCA FOR PCB & HG
24	GREAT LAKES	LAKE	LITTLE CALUMET RIVER	FCA FOR PCB & HG
24	GREAT LAKES	LAKE	BURNS DITCH	FCA FOR PCB & HG
25	GREAT LAKES	STEUBEN	LONG LAKE	FCA FOR HG
26	GREAT LAKES	STEUBEN	MARSH LAKE	FCA FOR HG
30	GREAT LAKES	LAGRANGE	OLIN LAKE	FCA FOR HG
31	GREAT LAKES	LAGRANGE	OLIVER LAKE	FCA FOR HG
33	GREAT LAKES	STEUBEN	PIGEON CREEK	FCA FOR PCB & HG
35	GREAT LAKES	STEUBEN	SNOW LAKE	FCA FOR HG
36	GREAT LAKES	ST. JOSEPH, ELKHART	ST. JOSEPH RIVER	FCA FOR PCB & HG
37	GREAT LAKES	LAPORTE	TRAIL CREEK	FCA FOR PCB & HG
39	GREAT LAKES	LAKE	WOLF LAKE	FCA FOR PCB
41	GREAT LAKES	ALLEN, DEKALB	CEDAR CREEK	FCA FOR PCB
44	GREAT LAKES	STEUBEN	HAMILTON LAKE	FCA FOR HG
45	GREAT LAKES	ALLEN	MAUMEE RIVER	FCA FOR PCB & HG
46	GREAT LAKES	ALLEN	ST. JOSEPH RIVER – MAINSTEM	FCA FOR PCB & HG
47	GREAT LAKES	ALLEN	ST. MARYS RIVER	FCA FOR PCB & HG
52	UPPER ILLINOIS	LAKE	CEDAR LAKE; CEDAR CREEK	FCA FOR PCB
56	UPPER ILLINOIS	JASPER, NEWTON	IROQUOIS RIVER	FCA FOR PCB

TABLE 1: WATERBODIES PROPOSED TO BE MOVED FROM CATEGORY 5 TO CATEGORY 4B BASED ON CHANGES TO IDEM'S LISTING METHODOLOGY FOR FISH CONSUMPTION ADVISORIES				
303(d) NUMBER	MAJOR BASIN	COUNTY	WATERBODY NAME	PARAMETERS OF CONCERN RECOMMENDED FOR DE-LISTING IN 2004
57	UPPER ILLINOIS	LAKE, LAPORTE	KANKAKEE RIVER – MAINSTEM	FCA FOR PCB & HG
60	LOWER WABASH	WARREN	BIG PINE CREEK; BIG PINE CREEK - BROWN DT TO PINE VILLAGE	FCA FOR PCB & HG
62	LOWER WABASH	PARKE	BIG RACCOON CREEK	FCA FOR PCB & HG
63	UPPER WABASH	KOSCIUSKO	CENTER LAKE	FCA FOR PCB
65	UPPER WABASH	CARROLL	DEER CREEK; DEER CREEK D/S OF BROWN DITCH	FCA FOR PCB & HG
66	LOWER WABASH	SULLIVAN	DUGGER LAKE	FCA FOR PCB
67	UPPER WABASH	WHITLEY, MIAMI	EEL RIVER - MAINSTEM	FCA FOR PCB & HG
68	UPPER WABASH	MIAMI, WABASH	EEL RIVER - MAINSTEM	FCA FOR PCB
69	UPPER WABASH	CASS	EEL RIVER - MAINSTEM; EEL RIVER - WASHONIS CREEK	FCA FOR HG
70	UPPER WABASH	WABASH	EEL RIVER - MAINSTEM	FCA FOR PCB
71	LOWER WABASH	TIPPECANOE	ELLIOT DITCH	FCA FOR PCB
72	UPPER WABASH	HOWARD	KOKOMO CREEK – MAINSTEM HEADWATERS	FCA FOR PCB
73	UPPER WABASH	HOWARD	KOKOMO RESERVOIR NO 2	FCA FOR HG
74	UPPER WABASH	FULTON	LAKE MANITOU	FCA FOR HG
75	UPPER ILLINOIS	MARSHALL	LAKE MAXINKUCKEE	FCA FOR PCB & HG
76	UPPER WABASH	RANDOLPH	LITTLE MISSISSINewa RIVER MAINSTEM	FCA FOR PCB
77	LOWER WABASH	MONTGOMERY	LITTLE SUGAR CREEK	FCA FOR PCB & HG
79	UPPER WABASH	RANDOLPH, DELAWARE, GRANT	MISSISSINewa RIVER – MAINSTEM	FCA FOR PCB & HG
81	LOWER WABASH	VIGO	OTTER CREEK	FCA FOR PCB & HG
82	UPPER WABASH	KOSCIUSKO	PIKE LAKE	FCA FOR HG & PCB
87	LOWER WABASH	MONTGOMERY	SUGAR CREEK	FCA FOR PCB & HG
88	LOWER WABASH	PARKE	SUGAR CREEK	FCA FOR PCB
90	UPPER WABASH	KOSCIUSKO	TIPPECANOE LAKE	FCA FOR HG
92	UPPER WABASH	KOSCIUSKO, FULTON, PULASKI	TIPPECANOE RIVER – MAINSTEM; TIPPECANOE RIVER AND TRIBUTARY	FCA FOR PCB & HG
93	UPPER WABASH	WELLS, HUNTINGTON, WABASH, MIAMI, CASS, CARROLL, TIPPECANOE, VIGO, SULLIVAN, KNOX, GIBSON, POSEY	WABASH RIVER MAINSTEM	FCA FOR PCB & HG
94	LOWER WABASH	FOUNTAIN, VERMILLION	WABASH RIVER - ATTICA	FCA FOR PCB
96	LOWER WABASH	TIPPECANOE	WEA CREEK	FCA FOR PCB
97	UPPER WABASH	HOWARD, CARROLL, TIPPECANOE	WILDCAT - MAINSTEM	FCA FOR PCB
98	UPPER WABASH	KOSCIUSKO	WINONA LAKE	FCA FOR PCB
101	WEST FORK WHITE	PUTNAM	BIG WALNUT CREEK; BIG WALNUT CREEK - ERNIE	FCA FOR HG

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			PYLE MEMORIAL	
102	WEST FORK WHITE	DELAWARE	BUCK CREEK	FCA FOR PCB & HG
103	WEST FORK WHITE	PUTNAM	CAGLES MILL LAKE	FCA FOR HG
109	WEST FORK WHITE	HENDRICKS	EAST FORK WHITE LICK CREEK	FCA FOR PCB
113	WEST FORK WHITE	GREENE	EEL RIVER	FCA FOR PCB & HG
114	WEST FORK WHITE	MADISON, HAMILTON	FALL CREEK	FCA FOR PCB & HG
117	WEST FORK WHITE	HAMILTON,	GEIST RESERVOIR	FCA FOR HG & PCB
125	WEST FORK WHITE	MADISON	KILLBUCK CREEK	FCA FOR PCB & HG
126	WEST FORK WHITE	MONROE	LAKE LEMON	FCA FOR PCB & HG
135	WEST FORK WHITE	HAMILTON	MORSE RESERVOIR	FCA FOR HG
136	WEST FORK WHITE	MADISON	PIPE CREEK	FCA FOR PCB & HG
142	WEST FORK WHITE	MONROE, OWEN	RICHLAND CREEK	FCA FOR PCB & HG
145	WEST FORK WHITE	HAMILTON	STONEY CREEK	FCA FOR PCB
146	WEST FORK WHITE	MONROE	STOUT CREEK	FCA FOR PCB & HG
148	WEST FORK WHITE	MARION	WHITE RIVER	FCA FOR PCB & HG
149	WEST FORK WHITE	MARION	WHITE RIVER	FCA FOR PCB & HG
150	WEST FORK WHITE	MARION	WHITE RIVER	FCA FOR PCB & HG
151	WEST FORK WHITE	HAMILTON, MARION	WHITE RIVER	FCA FOR PCB & HG
152	WEST FORK WHITE	MORGAN	WHITE RIVER	FCA FOR PCB & HG
153	WEST FORK WHITE	HAMILTON	WHITE RIVER - PIPE CR TO CICERO CR	FCA FOR PCB & HG
154	WEST FORK WHITE	MARION, JOHNSON, MORGAN	WHITE RIVER	FCA FOR PCB & HG
155	WEST FORK WHITE	OWEN, GREENE	WHITE RIVER	FCA FOR PCB & HG
156	WEST FORK WHITE	GREENE, DAVIESS	WHITE RIVER	FCA FOR PCB & HG
157	WEST FORK WHITE	MADISON	WHITE RIVER – CHESTERFIELD TO INDIAN CREEK; WHITE RIVER – PERKINSVILLE	FCA FOR PCB
158	WEST FORK WHITE	DELAWARE	WHITE RIVER	FCA FOR PCB & HG
159	WEST FORK WHITE	GREENE, OWEN	WHITE RIVER	FCA FOR PCB & HG
160	WEST FORK WHITE	DAVIESS,	WHITE RIVER - ELNORA TO INDIAN CREEK; WHITE RIVER – WHEATLAND	FCA FOR PCB & HG
161	WEST FORK WHITE	DAVIESS,	WHITE RIVER; WHITE RIVER – MAYSVILLE	FCA FOR PCB & HG
162	WEST FORK WHITE	RANDOLPH, DELAWARE	WHITE RIVER	FCA FOR PCB & HG
163	WEST FORK WHITE	HENDRICKS, MORGAN	WHITE LICK CREEK	FCA FOR PCB & HG
164	EAST FORK WHITE	HENRY, RUSH, SHELBY, JOHNSON	BIG BLUE RIVER	FCA FOR PCB
165	EAST FORK WHITE	HANCOCK	BRANDYWINE CREEK	FCA FOR HG

TABLE 1: WATERBODIES PROPOSED TO BE MOVED FROM CATEGORY 5 TO CATEGORY 4B BASED ON CHANGES TO IDEM'S LISTING METHODOLOGY FOR FISH CONSUMPTION ADVISORIES				
303(d) NUMBER	MAJOR BASIN	COUNTY	WATERBODY NAME	PARAMETERS OF CONCERN RECOMMENDED FOR DE-LISTING IN 2004
166	EAST FORK WHITE	MONROE	CLEAR CREEK	FCA FOR PCB
167	EAST FORK WHITE	DAVIESS	DOGWOOD LAKE	FCA FOR HG
169	EAST FORK WHITE	JACKSON, LAWRENCE	EAST FORK WHITE R-REDDINGTON	FCA FOR PCB & HG
170	EAST FORK WHITE	BARTHOLOMEW, MARTIN	EAST FORK WHITE R-COLUMBUS	FCA FOR PCB
171	EAST FORK WHITE	RUSH	FLATROCK RIVER-APPLEBUTTER CREEK	FCA FOR HG
172	EAST FORK WHITE	SHELBY	FLATROCK RIVER	FCA FOR PCB & HG
174	EAST FORK WHITE	SHELBY, CRAWFORD	LITTLE BLUE RIVER	FCA FOR PCB
175	EAST FORK WHITE	HANCOCK	LITTLE SUGAR CREEK	FCA FOR PCB & HG
176	EAST FORK WHITE	MONROE	LAKE MONROE (LOWER)	FCA FOR HG
177	EAST FORK WHITE	DECATUR	MUDDY FORK SAND CREEK	FCA FOR PCB & HG
178	EAST FORK WHITE	WASHINGTON	MUSCATATUCK RIVER	FCA FOR PCB & HG
179	EAST FORK WHITE	LAWRENCE	PLEASANT RUN TRIBUTARIES	FCA FOR PCB
180	EAST FORK WHITE	LAWRENCE	SALT CREEK; MIDDLE FORK SALT CREEK	FCA FOR PCB & HG
181	EAST FORK WHITE	DECATUR	SAND CREEK	FCA FOR PCB & HG
182	EAST FORK WHITE	JENNINGS	SAND CREEK	FCA FOR HG
183	EAST FORK WHITE	HANCOCK	SUGAR CREEK	FCA FOR HG
184	EAST FORK WHITE	JOHNSON	SUGAR CREEK - BROAD RIPPLE CAMP	FCA FOR PCB & HG
186	EAST FORK WHITE	BROWN	YELLOWWOOD LAKE	FCA FOR HG
187	EAST FORK WHITE	JOHNSON	YOUNGS CREEK	FCA FOR PCB
188	WEST FORK WHITE	PIKE, GIBSON,	WHITE RIVER	FCA FOR PCB & HG
189	GREAT MIAMI	FRANKLIN	BROOKVILLE RESERVOIR	FCA FOR HG
190	GREAT MIAMI	WAYNE, UNION	EAST FORK WHITEWATER RIVER	FCA FOR PCB & HG
191	GREAT MIAMI	DEARBORN	GREAT MIAMI RIVER	FCA FOR PCB & HG
192	GREAT MIAMI	FAYETTE, WAYNE	WEST FORK WHITEWATER RIVER	FCA FOR PCB & HG
193	GREAT MIAMI	DEARBORN	WHITEWATER RIVER – MAINSTEM	FCA FOR PCB & HG
194	GREAT MIAMI	WAYNE	MIDDLE FORK RESERVOIR	FCA FOR HG
195	PATOKA RIVER	ORANGE, DUBOIS	PATOKA LAKE DAM-LICK CREEK	FCA FOR HG
196	PATOKA RIVER	DUBOIS, PIKE, GIBSON	PATOKA RIVER	FCA FOR PCB & HG
198	OHIO TRIBUTARIES	RIPLEY	BISCHOFF RESERVOIR	FCA FOR HG
199	OHIO TRIBUTARIES	HARRISON	BLUE RIVER	FCA FOR PCB & HG
201	OHIO TRIBUTARIES	CLARK	DEAM LAKE	FCA FOR HG
203	OHIO RIVER	CLARK, FLOYD	OHIO RIVER	FCA FOR PCB
204	OHIO RIVER	VANDERBURG	OHIO RIVER	FCA FOR PCB
205	OHIO RIVER	SWITZERLAND	OHIO RIVER - OHIO STATE LINE TO MARKLAND DAM	FCA FOR PCB

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303(d) NUMBER	MAJOR BASIN	COUNTY	WATERBODY NAME	PARAMETERS OF CONCERN RECOMMENDED FOR DE-LISTING IN 2004
205	OHIO RIVER	HARRISON	OHIO RIVER - MCALPINE TO GREENWOOD, KY	FCA FOR PCB
205	OHIO RIVER	PERRY	OHIO RIVER - SALT CREEK TO CANNELTON	FCA FOR PCB
206	OHIO TRIBUTARIES	VANDERBURG	PIGEON CREEK	FCA FOR PCB
207	OHIO TRIBUTARIES	FLOYD	SILVER CREEK	FCA FOR PCB & HG
208	OHIO TRIBUTARIES	RIPLEY	VERSAILLES LAKE	FCA FOR HG
344	LOWER WABASH	MONTGOMERY	WALNUT FORK - BELOW LITTLE SUGAR CREEK	FCA FOR PCB & HG
418	GREAT LAKES	STEBEN	CROOKED LAKE	FCA FOR HG
419	GREAT LAKES	STEBEN	PLEASANT LAKE	FCA FOR PCB & HG
422	GREAT LAKES	STEBEN	MCCLISH LAKE	FCA FOR HG
423	GREAT LAKES	LAGRANGE	LAKE OF THE WOODS	FCA FOR HG
431	UPPER ILLINOIS	ST. JOSEPH	NORTH CHAIN LAKE	FCA FOR PCB & HG
433	UPPER ILLINOIS	LAPORTE	LOWER FISH LAKE	FCA FOR PCB & HG
434	UPPER ILLINOIS	STARKE	BASS LAKE	FCA FOR HG
439	UPPER WABASH	KOSCIUSKO	LITTLE BARBEE LAKE	FCA FOR HG
442	UPPER WABASH	KOSCIUSKO	PALESTINE LAKE	FCA FOR PCB & HG
443	UPPER WABASH	KOSCIUSKO	WEBSTER LAKE	FCA FOR HG
444	GREAT LAKES	KOSCIUSKO	DEWART LAKE	FCA FOR HG
445	GREAT LAKES	KOSCIUSKO	BARREL AND A HALF LAKE	FCA FOR HG
446	GREAT LAKES	KOSCIUSKO	SPEAR LAKE	FCA FOR HG
447	GREAT LAKES	KOSCIUSKO	SHOCK LAKE	FCA FOR HG
452	GREAT LAKES	NOBLE	LONG LAKE	FCA FOR HG
453	GREAT LAKES	NOBLE	BIXLER LAKE	FCA FOR HG
454	GREAT LAKES	NOBLE	HENDERSON LAKE	FCA FOR PCB & HG
455	GREAT LAKES	NOBLE	SYLVAN LAKE	FCA FOR HG
456	UPPER WABASH	WHITELY	LOON LAKE	FCA FOR HG
458	UPPER WABASH	WHITLEY	BLUE LAKE	FCA FOR HG
460	UPPER WABASH	WHITE	LAKE SHAFER	FCA FOR PCB
461	UPPER WABASH	HUNTINGTON	J. EDWARD ROUSH LAKE	FCA FOR HG
462	UPPER WABASH	WABASH	SALAMONIE RESERVOIR	FCA FOR HG
463	UPPER WABASH	MIAMI	MISSISSINAWA RESERVOIR	FCA FOR PCB
464	WEST FORK WHITE	MARION	EAGLE CREEK RESERVOIR	FCA FOR PCB
469	WEST FORK WHITE	MONROE	GRIFFY LAKE	FCA FOR HG
470	EAST FORK WHITE	MONROE	MONROE RESERVOIR (UPPER)	FCA FOR HG
471	EAST FORK WHITE	BROWN	YELLOWWOOD LAKE	FCA FOR HG
474	OHIO TRIBUTARIES	RIPLEY	BISCHOFF RESERVOIR	FCA FOR HG
475	EAST FORK WHITE	JACKSON	STARVE HOLLOW LAKE	FCA FOR HG
481	OHIO TRIBUTARIES	POSEY	HOVEY LAKE	FCA FOR PCB
482	UPPER WABASH	WELLS	KUNKEL LAKE	FCA FOR HG
483	UPPER WABASH	WABASH	HOMINY RIDGE LAKE	FCA FOR HG

Note: FCA = Fish Consumption Advisory, Hg = Mercury, PCB = polychlorinated biphenyls

In addition to removing waterbodies from Category 5 due to changes in IDEM's listing methodology for fish consumption advisories, IDEM proposes to remove a limited number of waterbodies due to new information received since the development of the draft 2002 303(d) list. This information includes new data that supports delisting; awareness that a waterbody was previously incorrectly listed in Category 5 based on the listing methodology; and the recognition that a waterbody should more appropriately be listed or combined with another waterbody. For more detail concerning the reasons for moving or removing these waterbodies go to:

<http://www.IN.gov/ideM/water/planbr/wqs/303d.html>. Table 2 consists of waterbodies proposed to be moved or removed from Category 5 based on information received since the 2002 303(d) draft list development. The number of waterbodies proposed to be moved or removed (excluding FCA parameters) is 11.

Table 2: Waterbodies Proposed to be Moved or Removed from Category 5 based on Information Received Since the 2002 303(d) List Development (excluding those removed based on changes in IDEM's Listing Methodology for FCAs)

TABLE 2: WATERBODIES PROPOSED TO BE MOVED OR REMOVED FROM CATEGORY 5 BASED ON INFORMATION RECEIVED SINCE THE 2002 303(D) LIST DEVELOPMENT (EXCLUDING THOSE REMOVED BASED ON CHANGES IN IDEM'S LISTING METHODOLOGY FOR FCAS)							
303 (d) #	MAJOR BASIN	14 DIGIT HYDROLOGIC UNIT CODE	COUNTY	SEGMENT ID NUMBER	WATERBODY NAME	PARAMETERS OF CONCERN	EXPLANATION
79	UPPER WABASH	05120103050130, 05120103060020, 05120103060010	RANDOLPH, DELAWARE, GRANT	INB035D_T1019 INB0362_T1021 INB0361_T1020 INB0351_T1015	MISSISSINEWA RIVER	LEAD	NEW DATA COLLECTED FROM IDEM'S FIXED STATION NETWORK FROM 1999 THROUGH 2002 INDICATES THAT THIS WATERBODY NOW MEETS INDIANA'S WATER QUALITY STANDARDS FOR LEAD. THEREFORE LEAD WILL BE DELISTED AS A PARAMETER OF CONCERN.
97	UPPER WABASH	05120107020010	HOWARD, CARROLL, TIPPECANOE	INB0721_T1008	WILDCAT CREEK - MAINSTEM	NITRATES; DO	DATA COLLECTED IN 1998 BY IDEM'S SURVEYS SECTION, AND FIXED STATION DATA FROM 1999 THROUGH 2002 INDICATES THAT THIS WATERBODY NOW MEETS INDIANA'S WATER QUALITY STANDARDS FOR DO AND NITRATES. THEREFORE, NITRATES AND DO WILL BE DELISTED AS PARAMETERS OF CONCERN.
119	WEST FORK WHITE	05120201140010	JOHNSON	INW01E1_T1078	HONEY CREEK	IMPAIRED BIOTIC COMMUNITIES	NEW BIOLOGICAL STUDIES DATA FROM 2001 SUPPORTS DELISTING.

TABLE 2: WATERBODIES PROPOSED TO BE MOVED OR REMOVED FROM CATEGORY 5 BASED ON INFORMATION RECEIVED SINCE THE 2002 303(D) LIST DEVELOPMENT (EXCLUDING THOSE REMOVED BASED ON CHANGES IN IDEM'S LISTING METHODOLOGY FOR FCAS)

303 (d) #	MAJOR BASIN	14 DIGIT HYDROLOGIC UNIT CODE	COUNTY	SEGMENT ID NUMBER	WATERBODY NAME	PARAMETERS OF CONCERN	EXPLANATION
147	WEST FORK WHITE	05120203090080	CLAY	INW0398_T1017	WABASH & ERIE CANAL	E. COLI	NEW DATA COLLECTED IN 2001 BY IDEM'S TMDL PROGRAM INDICATES THAT HIS WATERBODY NOW MEETS INDIANA'S WATER QUALITY STANDARDS FOR E. COLI. THEREFORE, E. COLI WILL BE DELISTED AS A PARAMETER OF CONCERN.
203	OHIO RIVER	05140101000000	CLARK, FLOYD	INH4_00	OHIO RIVER	E. COLI	COMBINE WITH 303(D) NUMBER 205
204	OHIO RIVER	05140101000000	VANDERBURG	INH4_00	OHIO RIVER	E. COLI	COMBINE WITH 303(D) NUMBER 205
259	GREAT LAKES	04100003090050	DEKALB	INA0393_T1060	DOSCH DITCH	IMPAIRED BIOTIC COMMUNITIES; ALGAE	COMBINE WITH 303(D) NUMBER 258
348	EAST FORK WHITE	05120204090010	BARTHOLOMEW, JOHNSON	INW04A6_M1047	DRIFTWOOD RIVER	E. COLI	LISTED DUE TO CLERICAL ERROR IN 2002. THIS WATERBODY WILL BE MOVED TO CATEGORY 3.
350	EAST FORK WHITE	05120204070050	HANCOCK, MARION, SHELBY	INW0475_00	BUCK CREEK - BIG CREEK WILDCAT	E. COLI	UNDER IDEM'S PRESENT LISTING METHODOLOGY THERE WAS INSUFFICIENT DATA TO LIST THIS WATERBODY AS IMPAIRED. THEREFORE IT WILL BE MOVED TO CATEGORY 3.
376	EAST FORK WHITE	05120206010120, 05120206010160	BARTHOLOMEW, DECATUR	INW061C_00 INW061G_00	CLIFTY CREEK - COLUMBUS; CLIFTY CREEK - NEWBERN	E. COLI	UNDER IDEM'S PRESENT LISTING METHODOLOGY THERE WAS INSUFFICIENT DATA TO LIST THIS WATERBODY AS IMPAIRED. THEREFORE IT WILL BE MOVED TO CATEGORY 3.
388	OHIO TRIBUTARIES	05140101070100	CLARK	INN017A_T1031	OWEN CREEK	IMPAIRED BIOTIC COMMUNITIES; AMMONIA; DO	COMBINE WITH 303(D) NUMBER 387

Waterbodies Proposed to be Added to Category 5

In the draft 2004 303(d) list, IDEM proposes to add a number of waterbodies to Category 5. For a stream to be listed it must have been sampled and the data collected must support 303(d) listing. The waterbodies proposed to be added to the 2004 303(d) list are primarily in the West Fork White River and Patoka River basins which were sampled in the summer of 2001. The samples were subsequently analyzed and indicate waterbody impairment. Table 3 consists of waterbodies proposed to be added to the Category 5

303(d) list of impaired waters. Additionally, Map A illustrates where these waterbodies are located. The total number of waterbodies proposed to be added to Category 5 based on this new information is 76.

Table 3: Waterbodies Proposed to be Added to the 303(d) List of Impaired Waterbodies (Category 5)

TABLE 3: WATERBODIES PROPOSED TO BE ADDED TO THE 303 (d) LIST OF IMPAIRED WATERBODIES (CATEGORY 5)						
303(d) #	MAJOR BASIN	14 DIGIT HYDROLOGIC UNIT CODE	COUNTY	SEGMENT ID NUMBER	WATERBODY NAME	PARAMETERS OF CONCERN
1	GREAT LAKES	4040001030030	LAKE CO	INC0133_T1005	MAIN BEAVER DAM DT - ABOVE CROWN POINT WWTP	IMPAIRED BIOTIC COMMUNITIES
33	GREAT LAKES	4050001110030	STEBEN CO	INJ01B3_T1033	MUD CREEK	TOTAL DISSOLVED SOLIDS, CHLORIDES
46	GREAT LAKES	4100003070050	ALLEN CO	INA03P1024_00	CEDARVILLE RESERVOIR	E. COLI
46	GREAT LAKES	4100003100040	ALLEN CO	INA03P1044_00	ST. JOSEPH RESERVOIR	E. COLI, ALGAE
50	UPPER ILLINOIS	7120002150040	NEWTON CO	INK02F4_T1015	BEAVER CREEK	IMPAIRED BIOTIC COMMUNITIES
53	UPPER ILLINOIS	7120001090150	PORTER CO	INK019F_T1018	BREYFOGEL DITCH	IMPAIRED BIOTIC COMMUNITIES
61	LOWER WABASH	5120108160010	BOONE CO	INB08G1_T1034	BIG RACCOON CREEK	IMPAIRED BIOTIC COMMUNITIES
61	LOWER WABASH	5120108160030	MONTGOMERY CO	INB08G3_T1036	BIG RACCOON CREEK	IMPAIRED BIOTIC COMMUNITIES
100	WEST FORK WHITE	5120202010010	BROWN CO	INW0211_00	BEANBLOSSOM CREEK-HEADWATERS	E. COLI
100	WEST FORK WHITE	5120202010060	MONROE CO	INW0216_00	BUCK CR/MUDDY FORK	E. COLI
100	WEST FORK WHITE	5120202010020	BROWN CO	INW0212_00	NORTH BEAR FORK	E. COLI
100	WEST FORK WHITE	5120202010030	BROWN CO	INW0213_00	LICK CREEK	E. COLI
100	WEST FORK WHITE	5120202010040	MONROE CO	INW0214_P1003	LAKE LEMON	E. COLI
100	WEST FORK WHITE	5120202010050	MONROE CO	INW0215_00	HONEY CREEK	E. COLI
100	WEST FORK WHITE	5120202010090	MONROE CO	INW0219_00	INDIAN CREEK	E. COLI
101	WEST FORK WHITE	5120203010030	BOONE CO	INW0313_00	MAIN EDLIN DITCH-GRASSY BRANCH	E. COLI
101	WEST FORK WHITE	5120203010010	BOONE CO	INW0311_00	WEST FORK BIG WALNUT CREEK-HEADWATERS	E. COLI

TABLE 3: WATERBODIES PROPOSED TO BE ADDED TO THE 303 (d) LIST OF IMPAIRED WATERBODIES (CATEGORY 5)						
303(d) #	MAJOR BASIN	14 DIGIT HYDROLOGIC UNIT CODE	COUNTY	SEGMENT ID NUMBER	WATERBODY NAME	PARAMETERS OF CONCERN
101	WEST FORK WHITE	5120203010020	BOONE CO	INW0312_00	MAIN EDLIN DITCH- SMITH DITCH	E. COLI
101	WEST FORK WHITE	5120203010040	BOONE CO	INW0314_00	WEST FORK BIG WALNUT CREEK- LOWER	E. COLI
101	WEST FORK WHITE	5120203010060	HENDRICKS CO	INW0316_00	EAST FORK BIG WALNUT CREEK- ROSS DITCH	E. COLI
101	WEST FORK WHITE	5120203010070	HENDRICKS CO	INW0317_00	EAST FORK BIG WALNUT CREEK- LOWER	E. COLI
101	WEST FORK WHITE	5120203020010	PUTNAM CO	INW0321_00	BIG WALNUT- BARNARD TRIBUTARIES	E. COLI
101	WEST FORK WHITE	5120203020030	PUTNAM CO	INW0323_00	BLEDSOE BRANCH BASIN	E. COLI
101	WEST FORK WHITE	5120203020040	PUTNAM CO	INW0324_00	CLEAR CREEK- HEADWATERS (PUTNAM)	E. COLI
101	WEST FORK WHITE	5120203020050	PUTNAM CO	INW0325_00	CLEAR CREEK- MILLER CREEK	E. COLI
101	WEST FORK WHITE	5120203040020	PUTNAM CO	INW0342_00	MILL CREEK	E. COLI
101	WEST FORK WHITE	5120203050050	PUTNAM CO	INW0355_00	DEER CREEK- MOSQUITO CREEK	E. COLI
101	WEST FORK WHITE	5120203050060	PUTNAM CO	INW0356_00	DEWEESE CREEK	E. COLI
101	WEST FORK WHITE	5120203050070	PUTNAM CO	INW0357_00	DEER CREEK- LEATHERWOOD CREEK	E. COLI
101	WEST FORK WHITE	5120203070010	CLAY CO	INW0371_00	CROYS CREEK-VAN BUREN CREEK	E. COLI
101	WEST FORK WHITE	5120203070020	PUTNAM CO	INW0372_00	CROYS CREEK-BILLY CREEK	E. COLI
101	WEST FORK WHITE	5120203070030	CLAY CO	INW0373_00	EEL RIVER- SLATE/AHLEMAYER BRANCHES	E. COLI
102	WEST FORK WHITE	5120201020030	DELAWARE CO	INW0123_00	BELL CREEK-BETHEL BROOK	E. COLI
102	WEST FORK WHITE	5120201020040	DELAWARE CO	INW0124_00	BELL CREEK- WILLIAMS DITCH	E. COLI
102	WEST FORK WHITE	5120201020050	DELAWARE CO	INW0125_00	BELL CREEK-NO NAME CREEK	E. COLI
102	WEST FORK WHITE	5120201020010	HENRY CO	INW0121_00	BUCK CREEK-LITTLE BUCK CREEK	E. COLI
105	WEST FORK WHITE	5120203090060	CLAY CO	INW0396_00	CLAY CITY TRIB	E. COLI

**TABLE 3: WATERBODIES PROPOSED TO BE ADDED TO THE 303 (d) LIST OF IMPAIRED WATERBODIES
(CATEGORY 5)**

303(d) #	MAJOR BASIN	14 DIGIT HYDROLOGIC UNIT CODE	COUNTY	SEGMENT ID NUMBER	WATERBODY NAME	PARAMETERS OF CONCERN
109	WEST FORK WHITE	5120201150150	HENDRICKS CO	INW01FF_00	EAST FORK WHITE LICK CREEK- STERLING RUN	E. COLI
109	WEST FORK WHITE	5120201150140	MARION CO	INW01FE_00	EAST FORK WHITE LICK CREEK- HEADWATERS AND OTHER TRIBUTARIES	E. COLI
109	WEST FORK WHITE	5120201150160	MORGAN CO	INW01FG_00	EAST FORK WHITE LICK CREEK-SILON CREEK	E. COLI
110	WEST FORK WHITE	5120201120010	BOONE CO	INW01C1_00	DIXON BRANCH AND OTHER TRIBUTARIES	E. COLI
110	WEST FORK WHITE	5120201120020	BOONE CO	INW01C2_00	KREAGER DITCH AND OTHER TRIBUTARIES	E. COLI
110	WEST FORK WHITE	5120201120030	BOONE CO	INW01C3_00	FINLEY CREEK AND OTHER TRIBUTARIES	E. COLI
110	WEST FORK WHITE	5120201120040	BOONE CO	INW01C4_00	MOUNTS RUN-NEESE DITCH	E. COLI
110	WEST FORK WHITE	5120201120050	BOONE CO	INW01C5_00	JACKSON RUN AND OTHER TRIBUTARIES	E. COLI
110	WEST FORK WHITE	5120201120060	HAMILTON CO	INW01C6_00	LITTLE EAGLE BRANCH- HEADWATERS	E. COLI
110	WEST FORK WHITE	5120201120070	BOONE CO	INW01C7_00	LITTLE EAGLE BRANCH-WOODRUFF BRANCH	E. COLI
110	WEST FORK WHITE	5120201120090	MARION CO	INW01C9_00	FISHBACK CREEK (EAGLE CREEK RESERVOIR)	E. COLI
110	WEST FORK WHITE	5120201120030	BOONE CO	INW01C3_T1066	EAGLE CREEK	E. COLI
112	WEST FORK WHITE	5120203090090	GREENE CO	INW0399_00	LAGOON CREEK- HOWESVILLE DITCH	E. COLI
112	WEST FORK WHITE	5120203090120	GREENE CO	INW039C_00	NEED/BRUSH CREEK AND OTHER TRIBUTARIES	E. COLI
112	WEST FORK WHITE	5120203090120	GREENE CO	INW039C_T1023	LICK CREEK	E. COLI
113	WEST FORK WHITE	5120203080040	CLAY CO	INW0384_00	BIRCH CREEK-LITTLE BIRCH CREEK	E. COLI
113	WEST FORK WHITE	5120203080050	CLAY CO	INW0385_00	EAST FORK BIRCH CREEK	E. COLI
113	WEST FORK WHITE	5120203080060	CLAY CO	INW0386_00	BIRCH CREEK- PRAIRIE CREEK	E. COLI
113	WEST FORK WHITE	5120203080070	CLAY CO	INW0387_00	BRUSH CREEK- CROOKED CREEK	E. COLI
113	WEST FORK WHITE	5120203080080	CLAY CO	INW0388_00	BIRCH CREEK- OUTLET (ZION CHURCH)	E. COLI

TABLE 3: WATERBODIES PROPOSED TO BE ADDED TO THE 303 (d) LIST OF IMPAIRED WATERBODIES (CATEGORY 5)						
303(d) #	MAJOR BASIN	14 DIGIT HYDROLOGIC UNIT CODE	COUNTY	SEGMENT ID NUMBER	WATERBODY NAME	PARAMETERS OF CONCERN
113	WEST FORK WHITE	5120203090020	CLAY CO	INW0392_00	SPLUNGE CREEK- CUTOFF/LITTLE SLOUGH	E. COLI
114	WEST FORK WHITE	5120201100010	MADISON CO	INW01A1_00	FALL CREEK-HONEY CREEK	E. COLI
114	WEST FORK WHITE	5120201100020	HENRY CO	INW01A2_00	FALL CREEK-SUGAR CREEK/DEER CREEK	E. COLI
114	WEST FORK WHITE	5120201100040	MADISON CO	INW01A4_00	SLY FORK-BRANDON DITCH	E. COLI
114	WEST FORK WHITE	5120201100070	MADISON CO	INW01A7_00	PRAIRIE CREEK (MADISON)	E. COLI
114	WEST FORK WHITE	5120201100080	MADISON CO	INW01A8_00	FOSTER BRANCH	E. COLI
116	WEST FORK WHITE	5120202050070	GREENE CO	INW0257_00	ROCKY BRANCH AND OTHER TRIBUTARIES	IMPAIRED BIOTIC COMMUNITIES, E. COLI
120	WEST FORK WHITE	5120201170050	MORGAN CO	INW01H5_00	CAMP CREEK	E. COLI
120	WEST FORK WHITE	5120201170070	MORGAN CO	INW01H7_00	SAND CREEK	E. COLI
123	WEST FORK WHITE	5120203030010	PUTNAM CO	INW0331_00	OWL CREEK	E. COLI
123	WEST FORK WHITE	5120203030020	PUTNAM CO	INW0332_00	LITTLE WALNUT CREEK-HEADWATERS	E. COLI
123	WEST FORK WHITE	5120203030030	PUTNAM CO	INW0333_00	JONES CREEK TRIBUTARIES	E. COLI
123	WEST FORK WHITE	5120203030040	PUTNAM CO	INW0334_00	LITTLE WALNUT CREEK-LEATHERMAN CREEK	E. COLI
123	WEST FORK WHITE	5120203030050	PUTNAM CO	INW0335_00	LITTLE WALNUT CREEK-LONG BRANCH	E. COLI
124	WEST FORK WHITE	5120202090050	KNOX CO	INW0295_00	ROBERSON DITCH- INDIAN/FLAT CREEKS	E. COLI
124	WEST FORK WHITE	5120202090060	KNOX CO	INW0296_00	OPOSSUM BRANCH/STEEN DT/REEL CR	E. COLI
124	WEST FORK WHITE	5120202090070	DAVIESS CO	INW0297_T1043	KESSINGER DITCH	E. COLI
127	WEST FORK WHITE	5120201160050	MORGAN CO	INW01G5_T1096	LAMBS CREEK	IMPAIRED BIOTIC COMMUNITIES, E. COLI
134	WEST FORK WHITE	5120203060030	HENDRICKS CO	INW0363_00	EAST FORK MILL CREEK-HEADWATERS	IMPAIRED BIOTIC COMMUNITIES, E. COLI
134	WEST FORK WHITE	5120203060060	HENDRICKS CO	INW0366_00	MUD CREEK- HEADWATERS (HENDRICKS)	E. COLI

TABLE 3: WATERBODIES PROPOSED TO BE ADDED TO THE 303 (d) LIST OF IMPAIRED WATERBODIES (CATEGORY 5)						
303(d) #	MAJOR BASIN	14 DIGIT HYDROLOGIC UNIT CODE	COUNTY	SEGMENT ID NUMBER	WATERBODY NAME	PARAMETERS OF CONCERN
134	WEST FORK WHITE	5120203060020	HENDRICKS CO	INW0362_00	CRITTENDEN CREEK	E. COLI
134	WEST FORK WHITE	5120203060050	PUTNAM CO	INW0365_00	SALLUST BRANCH TRIBUTARIES	E. COLI
134	WEST FORK WHITE	5120203060150	OWEN CO	INW036F_00	MILL CREEK- UPSTREAM CAGLES MILL LAKE	E. COLI
134	WEST FORK WHITE	5120203060040	HENDRICKS CO	INW0364_00	EAST FORK MILL CREEK-LOWER	IMPAIRED BIOTIC COMMUNITIES, E. COLI
134	WEST FORK WHITE	5120203060070	MORGAN CO	INW0367_00	MUD CREEK-LOWER (HENDRICKS)	E. COLI
136	WEST FORK WHITE	5120201050010	DELAWARE CO	INW0151_00	PIPE CREEK-YEAGER FINLEY MENARD DITCH	IMPAIRED BIOTIC COMMUNITIES, E. COLI
136	WEST FORK WHITE	5120201050020	MADISON CO	INW0152_00	PIPE CREEK	IMPAIRED BIOTIC COMMUNITIES, E. COLI
136	WEST FORK WHITE	5120201050090	MADISON CO	INW0159_00	PIPE CREEK - HAMILTON COUNTY	IMPAIRED BIOTIC COMMUNITIES, E. COLI
139	WEST FORK WHITE	5120202040060	GREENE CO	INW0246_00	BLACK ANKLE CREEK	E. COLI
139	WEST FORK WHITE	5120202040090	GREENE CO	INW0249_00	FLYBLOW BR - BURCHAM BR	E. COLI
141	WEST FORK WHITE	5120202080010	DAVIESS CO	INW0281_00	NORTH FORK PRAIRIE CREEK- HEADWATER TRIBUTARIES	E. COLI
141	WEST FORK WHITE	5120202080020	DAVIESS CO	INW0282_00	BARNES CREEK AND OTHER TRIBUTARIES	E. COLI
141	WEST FORK WHITE	5120202080030	DAVIESS CO	INW0283_00	BETHEL CREEK AND OTHER TRIBUTARIES	E. COLI
141	WEST FORK WHITE	5120202080050	DAVIESS CO	INW0285_00	DINKIN CREEK AND OTHER TRIBUTARIES	E. COLI
141	WEST FORK WHITE	5120202080070	DAVIESS CO	INW0287_00	KILLION CANAL AND OTHER TRIBUTARIES	E. COLI
141	WEST FORK WHITE	5120202080040	DAVIESS CO	INW0284_00	FLAT CREEK AND OTHER TRIBUTARIES	E. COLI
141	WEST FORK WHITE	5120202080060	DAVIESS CO	INW0286_T1166	ANTIOCH CREEK	E. COLI
141	WEST FORK WHITE	5120202080060	DAVIESS CO	INW0286_T1167	EAGAN DITCH BASIN	E. COLI, NUTRIENTS
144	WEST FORK WHITE	5120201130070	MARION CO	INW01D7_T1120	MARS DITCH	IMPAIRED BIOTIC COMMUNITIES, E. COLI

TABLE 3: WATERBODIES PROPOSED TO BE ADDED TO THE 303 (d) LIST OF IMPAIRED WATERBODIES (CATEGORY 5)						
303(d) #	MAJOR BASIN	14 DIGIT HYDROLOGIC UNIT CODE	COUNTY	SEGMENT ID NUMBER	WATERBODY NAME	PARAMETERS OF CONCERN
151	WEST FORK WHITE	5120201090010	HAMILTON CO	INW0191_00	SHOEMAKER DITCH (HAMILTON) AND OTHER TRIBUTARIES	E. COLI
151	WEST FORK WHITE	5120201090030	HAMILTON CO	INW0193_00	COOL CREEK BASIN	E. COLI
152	WEST FORK WHITE	5120201140140	MORGAN CO	INW01EE_00	CLEAR CREEK- EAST/WEST/GRASSY FORKS	E. COLI
152	WEST FORK WHITE	5120201160020	MORGAN CO	INW01G2_00	SYCAMORE CREEK	E. COLI
152	WEST FORK WHITE	5120201160050	MORGAN CO	INW01G5_00	GOOSE CREEK	E. COLI
152	WEST FORK WHITE	5120201170030	MORGAN CO	INW01G3_00	HIGHLAND CREEK	E. COLI
162	WEST FORK WHITE	5120201010060	RANDOLPH CO	INW0116_00	CABIN CREEK-LAMB CREEK	E. COLI
162	WEST FORK WHITE	5120201010070	RANDOLPH CO	INW0117_00	STONE CREEK- LITTLE STONEY CREEK	E. COLI
162	WEST FORK WHITE	5120201010080	RANDOLPH CO	INW0118_00	LITTLE WHITE RIVER	E. COLI
162	WEST FORK WHITE	5120201010090	DELAWARE CO	INW0119_00	STONE CREEK AND OTHER TRIBUTARIES	E. COLI
162	WEST FORK WHITE	5120201010100	DELAWARE CO	INW011A_00	MUD CREEK AND OTHER TRIBUTARIES	E. COLI
162	WEST FORK WHITE	5120201010130	DELAWARE CO	INW011D_00	MUNCIE CREEK - OTHER TRIBUTARIES	E. COLI
162	WEST FORK WHITE	5120201010010	RANDOLPH CO	INW0111_T1221	OWL CREEK AND TRIBUTARY	E. COLI
162	WEST FORK WHITE	5120201010010	RANDOLPH CO	INW0111_T1222	WHITE RIVER HEADWATER TRIBUTARIES	E. COLI
163	WEST FORK WHITE	5120201150040	HENDRICKS CO	INW01F4_00	TILDEN	E. COLI
163	WEST FORK WHITE	5120201150100	HENDRICKS CO	INW01FA_T1224	WEST FORK WHITE LICK CREEK	E. COLI
163	WEST FORK WHITE	5120201150110	MORGAN CO	INW01FB_00	WEST FORK WHITE LICK CREEK-MAIN STEM	E. COLI
200	OHIO TRIBUTARIES	5140201160030	WARRICK CO	INE01G3_T1010	CYPRESS CREEK	PESTICIDES
320	UPPER WABASH	5120107040130	TIPPECANOE CO	INB074D_T1022	SOUTH FORK WILDCAT CREEK	E. COLI

TABLE 3: WATERBODIES PROPOSED TO BE ADDED TO THE 303 (d) LIST OF IMPAIRED WATERBODIES (CATEGORY 5)						
303(d) #	MAJOR BASIN	14 DIGIT HYDROLOGIC UNIT CODE	COUNTY	SEGMENT ID NUMBER	WATERBODY NAME	PARAMETERS OF CONCERN
328	UPPER WABASH	5120107020020	TIPTON CO	INB0722_T1035	UNNAMED TRIBUTARY	E. COLI, TOTAL DISSOLVED SOLIDS
345	LOWER WABASH	5120110010080	BOONE CO	INB1018_00	BROWN'S WONDER CREEK-ROSS DITCH	IMPAIRED BIOTIC COMMUNITIES
347	WEST FORK WHITE	5120201140080	MORGAN CO	INW01E8_00	HENDERSON CREEK	E. COLI
347	WEST FORK WHITE	5120201140100	MORGAN CO	INW01EA_00	KASTS CREEK	E. COLI
347	WEST FORK WHITE	5120201140110	MORGAN CO	INW01EB_00	LOST CREEK	E. COLI
347	WEST FORK WHITE	5120201140120	MORGAN CO	INW01EC_00	STOTTS CREEK- EXCHANGE	E. COLI
486	PATOKA RIVER	5120209030010	DUBOIS CO	INP0931_00	HALL CREEK- HEADWATERS	E. COLI
487	PATOKA RIVER	5120209050010	PIKE CO	INP0951_00	FLAT CREEK HEADWATERS	IMPAIRED BIOTIC COMMUNITIES, E. COLI, SULFATES, TOTAL DISSOLVED SOLIDS
487	PATOKA RIVER	5120209050020	PIKE CO	INP0952_00	FLAT CREEK-BUCK CREEK	IMPAIRED BIOTIC COMMUNITIES, E. COLI, SULFATES, TOTAL DISSOLVED SOLIDS
487	PATOKA RIVER	5120209050030	PIKE CO	INP0953_00	FLAT CREEK	E. COLI
487	PATOKA RIVER	5120209050030	PIKE CO	INP0953_T1065	LITTLE FLAT CREEK	TOTAL DISSOLVED SOLIDS
487	PATOKA RIVER	5120209050030	PIKE CO	INP0953_T1066	UNNAMED TRIBUTARY (HOBBS CEMETARY)	E. COLI
488	PATOKA RIVER	5120209060050	PIKE CO	INP0965_00	PATOKA RIVER-LICK MILL CREEKS	IMPAIRED BIOTIC COMMUNITIES, SULFATES, TOTAL DISSOLVED SOLIDS
489	PATOKA RIVER	5120209070020	PIKE CO	INP0972_00	HOUCHIN DITCH	TOTAL DISSOLVED SOLIDS
489	PATOKA RIVER	5120209070030	PIKE CO	INP0973_00	SOUTH FORK PATOKA R- SPURGEON TRIBUTARIES	TOTAL DISSOLVED SOLIDS
489	PATOKA RIVER	5120209070040	PIKE CO	INP0974_00	HONEY CREEK (SOUTH FORK PATOKA) TRIBUTARIES	TOTAL DISSOLVED SOLIDS, SULFATES

TABLE 3: WATERBODIES PROPOSED TO BE ADDED TO THE 303 (d) LIST OF IMPAIRED WATERBODIES (CATEGORY 5)						
303(d) #	MAJOR BASIN	14 DIGIT HYDROLOGIC UNIT CODE	COUNTY	SEGMENT ID NUMBER	WATERBODY NAME	PARAMETERS OF CONCERN
489	PATOKA RIVER	5120209070050	GIBSON CO	INP0975_00	SOUTH FORK PATOKA R- WHEELER/LICK CREEKS	TOTAL DISSOLVED SOLIDS
490	PATOKA RIVER	5120209080020	PIKE CO	INP0982_00	EAST FORK KEG CREEK	E. COLI
491	WEST FORK WHITE	5120202100050	PIKE CO	INW02A5_00	CONGER CREEK- LITTLE CONGER CREEK	E. COLI
491	WEST FORK WHITE	5120202100060	KNOX CO	INW02A6_00	HARBIN CREEK	E. COLI
492	WEST FORK WHITE	5120202090040	KNOX CO	INW0294_00	UNNAMED TRIBUTARY NW OF OLD WHEATLAND RD	PH, TOTAL DISSOLVED SOLIDS, DISSOLVED OXYGEN
493	WEST FORK WHITE	5120202090020	DAVIESS CO	INW0292_00	VEALE CREEK SLOUGH	E. COLI
493	WEST FORK WHITE	5120202090030	DAVIESS CO	INW0293_00	VEALE CREEK- LOWER	E. COLI
494	WEST FORK WHITE	5120202080070	DAVIESS CO	INW0287_T1063	PRAIRIE CREEK	IMPAIRED BIOTIC COMMUNITIES, E. COLI
494	WEST FORK WHITE	5120202080080	DAVIESS CO	INW0288_T1064	PRAIRIE CREEK	IMPAIRED BIOTIC COMMUNITIES, E. COLI
495	WEST FORK WHITE	5120202060050	DAVIESS CO	INW0265_00	BLACK CREEK- RAMSEY/CALICO SLASH DITCHES	E. COLI
495	WEST FORK WHITE	5120202060060	DAVIESS CO	INW0266_00	SINGER DITCH(UPPER)-HILL DITCH	E. COLI
495	WEST FORK WHITE	5120202060070	KNOX CO	INW0267_00	BLACK CREEK- SINGER DITCH-WHITE R OXBOWS TRIBUTARIES	E. COLI
496	WEST FORK WHITE	5120202060020	GREENE CO	INW0262_00	BLACK CREEK- BREWER DITCH	IMPAIRED BIOTIC COMMUNITIES, SULFATES, TOTAL DISSOLVED SOLIDS
497	WEST FORK WHITE	5120202060030	GREENE CO	INW0263_00	BUCK CREEK (GREENE)	E. COLI, SULFATES, TOTAL DISSOLVED SOLIDS
498	WEST FORK WHITE	5120202040040	GREENE CO	INW0244_00	BEECH CREEK	E. COLI
498	WEST FORK WHITE	5120202040050	GREENE CO	INW0245_00	ORE BRANCH TRIBUTARIES	E. COLI

TABLE 3: WATERBODIES PROPOSED TO BE ADDED TO THE 303 (d) LIST OF IMPAIRED WATERBODIES (CATEGORY 5)						
303(d) #	MAJOR BASIN	14 DIGIT HYDROLOGIC UNIT CODE	COUNTY	SEGMENT ID NUMBER	WATERBODY NAME	PARAMETERS OF CONCERN
499	WEST FORK WHITE	5120202020100	OWEN CO	INW022A_00	EAST FORK FISH CREEK	E. COLI
499	WEST FORK WHITE	5120202020110	OWEN CO	INW022B_00	WEST FORK FISH CREEK	E. COLI
499	WEST FORK WHITE	5120202020120	OWEN CO	INW022C_00	FISH CREEK-SAND LICK CREEK	E. COLI
499	WEST FORK WHITE	5120202020130	OWEN CO	INW022D_00	FISH CREEK-WEST FORK	E. COLI
499	WEST FORK WHITE	5120202020140	OWEN CO	INW022E_00	FISH CREEK-MACK CREEK	E. COLI
500	WEST FORK WHITE	5120202020050	OWEN CO	INW0225_00	RATTLESNAKE CREEK	E. COLI
501	WEST FORK WHITE	5120202020070	OWEN CO	INW0227_00	RACCOON CREEK- LITTLE RACCOON CREEK	E. COLI
501	WEST FORK WHITE	5120202020080	OWEN CO	INW0228_00	RACCOON CREEK- LICK CREEK	E. COLI
502	WEST FORK WHITE	5120203070060	OWEN CO	INW0376_00	NORTH FORK JORDAN CREEK	E. COLI
502	WEST FORK WHITE	5120203070070	CLAY CO	INW0377_00	JORDAN CREEK- LOWER	E. COLI
503	WEST FORK WHITE	5120203070050	OWEN CO	INW0375_00	JORDON CREEK- HEADWATERS (OWEN)	E. COLI
504	WEST FORK WHITE	5120203060160	PUTNAM CO	INW036G_00	DOE CREEK- FERGUSON BRANCH	E. COLI
505	WEST FORK WHITE	5120201140050	MORGAN CO	INW01E5_00	CROOKED CREEK- BANTA CREEK	E. COLI
506	WEST FORK WHITE	5120201130110	JOHNSON CO	INW01DB_00	PLEASANT RUN CREEK-BUFFALO CREEK	E. COLI
507	WEST FORK WHITE	5120201150080	HENDRICKS CO	INW01F8_00	WEST FORK WHITE LICK CREEK- HEADWATERS	E. COLI
507	WEST FORK WHITE	5120201150090	HENDRICKS CO	INW01F9_00	WEST FORK WHITE LICK CREEK- THOMPSON CREEK	E. COLI
508	WEST FORK WHITE	5120201090080	MARION CO	INW0198_T1056	BROADRIPPLE TRIBUTARIES	E. COLI
509	WEST FORK WHITE	5120201120130	MARION CO	INW01CD_00	LITTLE EAGLE CREEK-FALCON CREEK/DRY RUN	E. COLI
510	WEST FORK WHITE	5120201120120	MARION CO	INW01CC_00	LITTLE EAGLE CREEK-GUION CREEK	IMPAIRED BIOTIC COMMUNITIES, E. COLI
511	WEST FORK WHITE	5120201080090	HAMILTON CO	INW0189_00	BENNETT DT/TAYLOR CREEK AND OTHER TRIBUTARIES	E. COLI

TABLE 3: WATERBODIES PROPOSED TO BE ADDED TO THE 303 (d) LIST OF IMPAIRED WATERBODIES (CATEGORY 5)						
303(d) #	MAJOR BASIN	14 DIGIT HYDROLOGIC UNIT CODE	COUNTY	SEGMENT ID NUMBER	WATERBODY NAME	PARAMETERS OF CONCERN
512	WEST FORK WHITE	5120201070040	MADISON CO	INW0174_00	STONEY CREEK- HEADWATERS	E. COLI
512	WEST FORK WHITE	5120201070050	HAMILTON CO	INW0175_00	STONEY CREEK - WILLIAM LOCK DITCH TRIBUTARIES	E. COLI
512	WEST FORK WHITE	5120201070060	HAMILTON CO	INW0176_00	WILLIAM LEHR DITCH AND OTHER TRIBUTARIES	E. COLI
512	WEST FORK WHITE	5120201070070	HAMILTON CO	INW0177_00	NORTH TRIB (NOBLESVILLE)	E. COLI
513	WEST FORK WHITE	5120201100100	MADISON CO	INW01AA_00	LICK CREEK HEADWATERS (MARKLEVILLE)	IMPAIRED BIOTIC COMMUNITIES, E. COLI
513	WEST FORK WHITE	5120201100110	MADISON CO	INW01AB_00	LICK CREEK- MANIFOLD/MCFADDE N DITCHES	IMPAIRED BIOTIC COMMUNITIES, E. COLI
514	WEST FORK WHITE	5120201100030	HENRY CO	INW01A3_00	FALL CREEK-MUD CREEK/LITTLE CREEK TRIBUTARIES	IMPAIRED BIOTIC COMMUNITIES, E. COLI
515	WEST FORK WHITE	5120201070030	HAMILTON CO	INW0173_00	MALLORY GRANGER DITCH/ INGERMAN DITCH BASINS	E. COLI
516	WEST FORK WHITE	5120201060010	MADISON CO	INW0161_00	DUCK CREEK-TODD DITCH	E. COLI
516	WEST FORK WHITE	5120201060020	MADISON CO	INW0162_00	LITTLE DUCK CREEK BASIN	E. COLI
516	WEST FORK WHITE	5120201060020	MADISON CO	INW0162_T1228	BIG DUCK CREEK	E. COLI
516	WEST FORK WHITE	5120201060030	MADISON CO	INW0163_00	POLYWOG CREEK	E. COLI
516	WEST FORK WHITE	5120201060050	HAMILTON CO	INW0165_00	BEAR CREEK-WEST FORK BEAR CREEK	E. COLI
516	WEST FORK WHITE	5120201060060	HAMILTON CO	INW0166_00	DUCK CREEK	E. COLI
516	WEST FORK WHITE	5120201060060	HAMILTON CO	INW0166_T1227	LONG BRANCH	E. COLI
516	WEST FORK WHITE	5120201070020	HAMILTON CO	INW0172_00	SUGAR RUN AND OTHER TRIBUTARIES	E. COLI
517	WEST FORK WHITE	5120201060040	HAMILTON CO	INW0164_00	LAMBERSON DITCH	IMPAIRED BIOTIC COMMUNITIES, E. COLI
518	WEST FORK WHITE	5120201080040	TIPTON CO	INW0184_00	CICERO CREEK- CAMPBELL DITCH	E. COLI
518	WEST FORK WHITE	5120201080050	TIPTON CO	INW0185_00	CICERO CREEK- TOBIN DITCH	E. COLI

TABLE 3: WATERBODIES PROPOSED TO BE ADDED TO THE 303 (d) LIST OF IMPAIRED WATERBODIES (CATEGORY 5)						
303(d) #	MAJOR BASIN	14 DIGIT HYDROLOGIC UNIT CODE	COUNTY	SEGMENT ID NUMBER	WATERBODY NAME	PARAMETERS OF CONCERN
518	WEST FORK WHITE	5120201080060	HAMILTON CO	INW0186_00	CICERO CREEK- BACON PRAIRIE CR/BUSCHER DT	E. COLI
519	WEST FORK WHITE	5120201080010	TIPTON CO	INW0181_00	COX DITCH- CHRISTY/KIGIN DITCHES	IMPAIRED BIOTIC COMMUNITIES, NUTRIENTS, ALGAE
520	WEST FORK WHITE	5120201040030	DELAWARE CO	INW0143_00	JAKES CREEK-EAGLE BRANCH	E. COLI
520	WEST FORK WHITE	5120201040060	DELAWARE CO	INW0146_00	LITTLE KILLBUCK CREEK-NELSON BROOK	E. COLI
520	WEST FORK WHITE	5120201040090	DELAWARE CO	INW0149_00	INDIAN CREEK (MADISON)	E. COLI
520	WEST FORK WHITE	5120201040010	DELAWARE CO	INW0141_00	KILLBUCK CREEK	IMPAIRED BIOTIC COMMUNITIES, E. COLI
520	WEST FORK WHITE	5120201040020	DELAWARE CO	INW0142_00	KILLBUCK CREEK- THRUSTON DITCH	IMPAIRED BIOTIC COMMUNITIES, E. COLI
520	WEST FORK WHITE	5120201040040	MADISON CO	INW0144_00	KILLBUCK CREEK- PLEASANT RUN CREEK	IMPAIRED BIOTIC COMMUNITIES, E. COLI
520	WEST FORK WHITE	5120201040050	MADISON CO	INW0145_00	KILLBUCK CREEK	E. COLI
521	WEST FORK WHITE	5120201030010	DELAWARE CO	INW0131_00	YORK PRAIRIE CREEK AND OTHER TRIBUTARIES	E. COLI
521	WEST FORK WHITE	5120201030020	MADISON CO	INW0132_00	SHOEMAKER DITCH AND OTHER TRIBUTARIES	E. COLI
522	UPPER WABASH	5120104050070	MIAMI CO	INB0457_00	SQUIRREL CREEK (LOWER)	E. COLI
523	UPPER WABASH	5120106080020	PULASKI CO	INB0682_00	TIPPECANOE RIVER - AGNEW DITCH - MOSS DITCH	E. COLI
524	OHIO TRIBUTARIES	5140201140110	WARRICK CO	INE01EB_T1051	UNNAMED TRIB BARREN FORK	AMMONIA, SULFATES, TOTAL DISSOLVED SOLIDS
525	WEST FORK WHITE	5120202060010	GREENE CO	INW02P1111_00	ROUND LAKE	PH
526	WEST FORK WHITE	5120202060020	GREENE CO	INW02P1097_00	RESERVOIR NUMBER 29	PH
527	OHIO TRIBUTARIES	5090203180030	SWITZERLAND CO	INV03J3_T1040	THURSTON CREEK	E. COLI

Draft - Waterbodies to be Added to the 303 (d) List

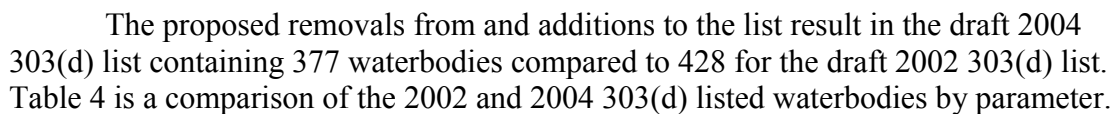


Table 5 consists of the proposed 2004 Category 5 waterbodies or the 303(d) list of impaired waters for Indiana.

Table 4: Comparison of the 2002 and 2004 303(d) Listed Waterbodies by Parameter

TABLE 4: COMPARISON OF THE 2002 AND 2004 303(d) LISTED WATERBODIES BY PARAMETER		
PARAMETER	NUMBER OF IMPAIRMENTS FOR DRAFT 2002 LIST	NUMBER OF IMPAIRMENTS FOR DRAFT 2004 LIST
IMPAIRED BIOTIC COMMUNITIES	180	187
E. COLI	174	214
FISH CONSUMPTION ADVISORY	167	0
DISSOLVED OXYGEN	27	26
NUTRIENTS	22	23
TOTAL DISSOLVED SOLIDS	19	27
ALGAE	14	15
SULFATES	12	16
TASTE AND ODOR	10	10
AMMONIA	7	6
CYANIDE	6	10
CHLORIDES	5	6
PH	5	8
COPPER	3	3
LEAD	3	2
OIL AND GREASE	2	2
DIOXIN	1	1
NICKEL	1	1
NITRATES	1	0
SILTATION	1	1
ZINC	1	2

As noted earlier in this document, the 303(d) list of impaired waters establishes the waterbodies in Indiana that require a TMDL. IDEM's TMDL development schedule corresponds with IDEM's basin-rotation monitoring schedule. The Indiana Department of Environmental Management has divided the state into five major water management basins. The monitoring strategy calls for rotating through each of these basins once every five years. Waters on the 303(d) list will be targeted for additional work as sampling crews are working in the respective basins. To take advantage of all available resources for TMDL development, waters on the 303(d) list will be scheduled for TMDL development according to the basin-rotation schedule unless there is a significant reason to deviate from this schedule. Waters have been scheduled to begin TMDL development over 15 years. Since the CWA does not clearly define the timeline for TMDL development, U.S. EPA, in response to the Federal Advisory Committee Act (FACA) Committee's recommendations, issued guidance for States to develop expeditious schedules of not more than eight (8) to fifteen (15) years.

For more information about IDEM's TMDL development schedule, including information about the TMDL and other water restoration work that is being completed and/or for more information about the methodology and data used to develop the draft 2004 303(d) list go to: <http://www.in.gov/idem/water/planbr/wqs/303d.html>. Further information about the 2004 Impaired Waters List can be obtained by contacting Timothy Kroeker at tkroeker@dem.state.in.us, or by calling IDEM's Watershed Branch at (317) 233-8488 or toll free at (800) 451-6027.

Table 5: Proposed 2004 303(d) List of Impaired Waters for Indiana (Category 5)

TABLE 5: PROPOSED 2004 303(d) LIST OF IMPAIRED WATERS FOR INDIANA (CATEGORY 5)						
303(d) #	MAJOR BASIN	14 DIGIT HYDROLOGIC UNIT CODE	COUNTY	SEGMENT ID NUMBER	WATERBODY NAME	PARAMETERS OF CONCERN
1	GREAT LAKES	04040001030040	LAKE CO	INC0134_T1006	MAIN BEAVER DAM DITCH ABOVE NILES DT	IMPAIRED BIOTIC COMMUNITIES
1	GREAT LAKES	04040001030030	LAKE CO	INC0133_T1005	MAIN BEAVER DAM DT - ABOVE CROWN POINT WWTP	IMPAIRED BIOTIC COMMUNITIES
2	GREAT LAKES	04040001060040	PORTER CO	INC0164_T1108	PORTAGE BURNS WATERWAY	E. COLI
4	UPPER WABASH	05120106010010	WHITLEY CO	INB0611_P1001	CROOKED LAKE	IMPAIRED BIOTIC COMMUNITIES
4	UPPER WABASH	05120106010010	WHITLEY CO	INB06P1001_00	CROOKED LAKE	IMPAIRED BIOTIC COMMUNITIES
5	GREAT LAKES	04040001040020	LAKE CO	INC0142_T1008	DEEP RIVER - BURNS DITCH	IMPAIRED BIOTIC COMMUNITIES
6	GREAT LAKES	04040001080020	PORTER CO	INC0182_00	DUNES CREEK	IMPAIRED BIOTIC COMMUNITIES, E. COLI
6	GREAT LAKES	04040001080020	PORTER CO	INC0182_T1089	DUNES CREEK	IMPAIRED BIOTIC COMMUNITIES, E. COLI
6	GREAT LAKES	04040001080020	PORTER CO	INC0182_T1091	MUNSON DITCH	IMPAIRED BIOTIC COMMUNITIES, E. COLI
7	GREAT LAKES	04050001190010	NOBLE CO	INJ01K1_T1019	ELKHART RIVER	E. COLI
7	GREAT LAKES	04050001190020	ELKHART CO	INJ01K2_T1018	ELKHART RIVER	E. COLI
7	GREAT LAKES	04050001190040	ELKHART CO	INJ01K4_T1017	ELKHART RIVER	E. COLI
7	GREAT LAKES	04050001190070	ELKHART CO	INJ01K7_T1016	ELKHART RIVER	E. COLI
7	GREAT LAKES	04050001210010	ELKHART CO	INJ01N1_T1015	ELKHART RIVER	E. COLI
7	GREAT LAKES	04050001210060	ELKHART CO	INJ01N6_T1013	ELKHART RIVER	E. COLI
8	GREAT LAKES	04040001020020	LAKE CO	INC0122_00	GRAND CALUMET RIVER - HEADWATERS	IMPAIRED BIOTIC COMMUNITIES, CYANIDE, OIL AND GREASE
8	GREAT LAKES	04040001020020	LAKE CO	INC0122_T1097	GRAND CALUMET RIVER - GARY TO INDIANA HARBOR CANAL	IMPAIRED BIOTIC COMMUNITIES, CYANIDE, OIL AND GREASE, E. COLI
9	UPPER ILLINOIS	07120003050010	LAKE CO	INK0351_T1001	GRAND CALUMET RIVER - ILLINOIS TO INDIANA HARBOR CANAL	IMPAIRED BIOTIC COMMUNITIES, AMMONIA, CYANIDE, CHLORIDES, E. COLI

TABLE 5: PROPOSED 2004 303(d) LIST OF IMPAIRED WATERS FOR INDIANA (CATEGORY 5)

303(d) #	MAJOR BASIN	14 DIGIT HYDROLOGIC UNIT CODE	COUNTY	SEGMENT ID NUMBER	WATERBODY NAME	PARAMETERS OF CONCERN
11	GREAT LAKES	04040001020010	LAKE CO	INC0121_T1001	INDIANA HARBOR CANAL MAIN CHANNEL	E. COLI
12	GREAT LAKES	04040001020010	LAKE CO	INC0121_00	INDIANA HARBOR CANAL - LAKE GEORGE BR	IMPAIRED BIOTIC COMMUNITIES, E. COLI, OIL AND GREASE
13	GREAT LAKES	04050001090030	STEBEN CO	INJ01P1039_00	JIMMERSON LAKE	IMPAIRED BIOTIC COMMUNITIES
14	GREAT LAKES	04050001240050	STEBEN CO	INJ01T5_T1002	JUDAY CREEK	E. COLI
16	GREAT LAKES	04050001090030	STEBEN CO	INJ01P1038_00	LAKE JAMES	IMPAIRED BIOTIC COMMUNITIES
17	GREAT LAKES	04040001080010	PORTER CO	INC0181G_G1093	LAKE MICHIGAN SHORELINE-DUNES	E. COLI
17	GREAT LAKES	04040001090010	LA PORTE CO	INC0191G_G1092	LAKE MICHIGAN SHORELINE-LAPORTE	E. COLI
21	GREAT LAKES	04040001060040	PORTER CO	INC0164_T1018	LITTLE CALUMET RIVER - EAST ARM	E. COLI
21	GREAT LAKES	04040001060040	PORTER CO	INC0164_T1086	LITTLE CALUMET RIVER	E. COLI
22	GREAT LAKES	04040001060010	PORTER CO	INC0161_T1023	LITTLE CALUMET RIVER HEADWATERS	E. COLI
22	GREAT LAKES	04040001060030	PORTER CO	INC0163_T1061	LITTLE CALUMET RIVER	E. COLI
23	UPPER ILLINOIS	07120003030050	LAKE CO	INK0335_T1004	LITTLE CALUMET RIVER	IMPAIRED BIOTIC COMMUNITIES, CYANIDE
23	UPPER ILLINOIS	07120003030050	LAKE CO	INK0335_T1005	LITTLE CALUMET RIVER	IMPAIRED BIOTIC COMMUNITIES, CYANIDE
23	UPPER ILLINOIS	07120003030060	LAKE CO	INK0336_T1002	LITTLE CALUMET RIVER	IMPAIRED BIOTIC COMMUNITIES, CYANIDE
24	GREAT LAKES	04040001040020	LAKE CO	INC0142_T1009	LITTLE CALUMET RIVER	IMPAIRED BIOTIC COMMUNITIES, CYANIDE, E. COLI
24	GREAT LAKES	04040001040030	LAKE CO	INC0143_T1090	BURNS DITCH	IMPAIRED BIOTIC COMMUNITIES, E. COLI
24	GREAT LAKES	04040001040030	PORTER CO	INC0143_T1010	BURNS DITCH	IMPAIRED BIOTIC COMMUNITIES, E. COLI
26	GREAT LAKES	04050001090020	STEBEN CO	INJ01P1037_00	MARSH LAKE	IMPAIRED BIOTIC COMMUNITIES
29	GREAT LAKES	04040001030040	LAKE CO	INC0134_T1068	NILES DITCH	IMPAIRED BIOTIC COMMUNITIES

TABLE 5: PROPOSED 2004 303(d) LIST OF IMPAIRED WATERS FOR INDIANA (CATEGORY 5)

303(d) #	MAJOR BASIN	14 DIGIT HYDROLOGIC UNIT CODE	COUNTY	SEGMENT ID NUMBER	WATERBODY NAME	PARAMETERS OF CONCERN
33	GREAT LAKES	04050001110030	STEBEN CO	INJ01B3_T1032	PIGEON CREEK	E. COLI
33	GREAT LAKES	04050001110040	STEBEN CO	INJ01B4_T1297	PIGEON CREEK	IMPAIRED BIOTIC COMMUNITIES, E. COLI
33	GREAT LAKES	04050001110030	STEBEN CO	INJ01B3_T1033	MUD CREEK	TOTAL DISSOLVED SOLIDS, CHLORIDES
34	GREAT LAKES	04040001050010	PORTER CO	INC0151_T1012	SALT CREEK	E. COLI
34	GREAT LAKES	04040001050020	PORTER CO	INC0152_T1013	SALT CREEK	E. COLI
34	GREAT LAKES	04040001050030	PORTER CO	INC0153_T1015	SALT CREEK	IMPAIRED BIOTIC COMMUNITIES, E. COLI
34	GREAT LAKES	04040001050050	PORTER CO	INC0155_T1017	SALT CREEK	E. COLI
34	GREAT LAKES	04040001050050	PORTER CO	INC0155_T1088	SALT CREEK	E. COLI
34	GREAT LAKES	04040001050020	PORTER CO	INC0152_00	CLARK DITCH AND OTHER TRIBS	E. COLI
35	GREAT LAKES	04050001090020	STEBEN CO	INJ01P1036_00	SNOW LAKE	IMPAIRED BIOTIC COMMUNITIES
36	GREAT LAKES	04050001240060	ST JOSEPH CO	INJ01T6_M1001	ST. JOSEPH RIVER	E. COLI
37	GREAT LAKES	04040001070030	LA PORTE CO	INC0173_T1020	TRAIL CREEK	E. COLI
38	GREAT LAKES	04040001030010	LAKE CO	INC0131_T1003	TURKEY CREEK MAINSTEM	IMPAIRED BIOTIC COMMUNITIES, E. COLI
38	GREAT LAKES	04040001030020	LAKE CO	INC0132_T1004	TURKEY CREEK - MERRILLVILLE	IMPAIRED BIOTIC COMMUNITIES, E. COLI
40	GREAT LAKES	04100004040020	ADAMS CO	INA0442_T1007	BLUE CREEK	E. COLI
40	GREAT LAKES	04100004040050	ADAMS CO	INA0445_T1006	BLUE CREEK	IMPAIRED BIOTIC COMMUNITIES, E. COLI, AMMONIA, NUTRIENTS
41	GREAT LAKES	04100003080030	DEKALB CO	INA0383_T1028	CEDAR CREEK	IMPAIRED BIOTIC COMMUNITIES, E. COLI, NUTRIENTS
41	GREAT LAKES	04100003080050	DEKALB CO	INA0385_T1029	CEDAR CREEK	IMPAIRED BIOTIC COMMUNITIES, E. COLI
41	GREAT LAKES	04100003090030	DEKALB CO	INA0393_T1033	CEDAR CREEK- MAINSTEM	E. COLI
41	GREAT LAKES	04100003090030	DEKALB CO	INA0393_T1034	CEDAR CREEK	E. COLI

TABLE 5: PROPOSED 2004 303(d) LIST OF IMPAIRED WATERS FOR INDIANA (CATEGORY 5)

303(d) #	MAJOR BASIN	14 DIGIT HYDROLOGIC UNIT CODE	COUNTY	SEGMENT ID NUMBER	WATERBODY NAME	PARAMETERS OF CONCERN
41	GREAT LAKES	04100003090080	ALLEN CO	INA0398_T1036	CEDAR CREEK	E. COLI
41	GREAT LAKES	04100003090090	ALLEN CO	INA0399_T1037	CEDAR CREEK	E. COLI
42	GREAT LAKES	04100003090030	DEKALB CO	INA0393_T1032	GARRETT CITY DITCH	E. COLI, TOTAL DISSOLVED SOLIDS
43	GREAT LAKES	04100004040030	ADAMS CO	INA0443_T1008	HABEGGER DITCH	IMPAIRED BIOTIC COMMUNITIES, E. COLI, ALGAE
45	GREAT LAKES	04100005010010	ALLEN CO	INA0511_M1007	MAUMEE RIVER	E. COLI
45	GREAT LAKES	04100005010040	ALLEN CO	INA0514_M1006	MAUMEE RIVER	E. COLI
45	GREAT LAKES	04100005010080	ALLEN CO	INA0518_M1004	MAUMEE RIVER	E. COLI
45	GREAT LAKES	04100005010100	ALLEN CO	INA051A_M1003	MAUMEE RIVER	E. COLI
45	GREAT LAKES	04100005010120	ALLEN CO	INA051C_M1002	MAUMEE RIVER	E. COLI
46	GREAT LAKES	04100003070050	ALLEN CO	INA0375_P1024	CEDARVILLE RESERVOIR - LOWER	E. COLI
46	GREAT LAKES	04100003070050	ALLEN CO	INA03P1024_00	CEDARVILLE RESERVOIR	E. COLI
46	GREAT LAKES	04100003100040	ALLEN CO	INA03P1044_00	ST. JOSEPH RESERVOIR	E. COLI, ALGAE
47	GREAT LAKES	04100004060010	ALLEN CO	INA0461_T1004	ST. MARYS RIVER	E. COLI
47	GREAT LAKES	04100004040080	ADAMS CO	INA0448_T1016	ST. MARYS RIVER	E. COLI
47	GREAT LAKES	04100004040090	ADAMS CO	INA0449_T1017	ST. MARYS RIVER	E. COLI
47	GREAT LAKES	04100004050030	ADAMS CO	INA0453_T1018	ST. MARYS RIVER	E. COLI
47	GREAT LAKES	04100004050040	ALLEN CO	INA0454_T1021	ST. MARYS RIVER	E. COLI
47	GREAT LAKES	04100004060060	ALLEN CO	INA0466_T1022	ST. MARYS RIVER	E. COLI
48	GREAT LAKES	04100003070040	ALLEN CO	INA0374_T1021	SWARTZ-CARNAHAN DITCH	IMPAIRED BIOTIC COMMUNITIES
50	UPPER ILLINOIS	07120002150030	NEWTON CO	INK02F3_T1014	BEAVER CREEK	IMPAIRED BIOTIC COMMUNITIES
50	UPPER ILLINOIS	07120002150040	NEWTON CO	INK02F4_T1015	BEAVER CREEK	IMPAIRED BIOTIC COMMUNITIES
51	UPPER ILLINOIS	07120001130070	LAKE CO	INK01D7_T1025	CEDAR CREEK	IMPAIRED BIOTIC COMMUNITIES
53	UPPER ILLINOIS	07120001090150	PORTER CO	INK019F_T1018	BREYFOGEL DITCH	IMPAIRED BIOTIC COMMUNITIES
54	UPPER ILLINOIS	07120001090050	PORTER CO	INK0195_T1013	CROOKED CREEK	IMPAIRED BIOTIC COMMUNITIES

TABLE 5: PROPOSED 2004 303(d) LIST OF IMPAIRED WATERS FOR INDIANA (CATEGORY 5)

303(d) #	MAJOR BASIN	14 DIGIT HYDROLOGIC UNIT CODE	COUNTY	SEGMENT ID NUMBER	WATERBODY NAME	PARAMETERS OF CONCERN
54	UPPER ILLINOIS	07120001090070	PORTER CO	INK0197_T1014	CROOKED CREEK	IMPAIRED BIOTIC COMMUNITIES
55	UPPER ILLINOIS	07120003030030	LAKE CO	INK0333_T1003	DYER DITCH	IMPAIRED BIOTIC COMMUNITIES
56	UPPER ILLINOIS	07120002020030	JASPER CO	INK0223_T1003	IROQUOIS RIVER	E. COLI
56	UPPER ILLINOIS	07120002020060	JASPER CO	INK0226_T1004	IROQUOIS RIVER	E. COLI
56	UPPER ILLINOIS	07120002040040	NEWTON CO	INK0244_T1006	IROQUOIS RIVER	E. COLI
56	UPPER ILLINOIS	07120002040060	NEWTON CO	INK0246_T1007	IROQUOIS RIVER	E. COLI
56	UPPER ILLINOIS	07120002040070	NEWTON CO	INK0247_T1008	IROQUOIS RIVER	E. COLI
56	UPPER ILLINOIS	07120002040080	NEWTON CO	INK0248_T1009	IROQUOIS RIVER	E. COLI
56	UPPER ILLINOIS	07120002050010	NEWTON CO	INK0251_T1010	IROQUOIS RIVER	E. COLI
57	UPPER ILLINOIS	07120001010100	LA PORTE CO	INK011A_T1001	KANKAKEE RIVER-MAINSTEM	E. COLI
57	UPPER ILLINOIS	07120001010130	LA PORTE CO	INK011D_T1002	KANKAKEE RIVER	E. COLI
57	UPPER ILLINOIS	07120001030010	LA PORTE CO	INK0131_T1003	KANKAKEE RIVER - MAINSTEM	E. COLI
57	UPPER ILLINOIS	07120001030030	LA PORTE CO	INK0133_T1004	KANKAKEE RIVER - MAINSTEM	E. COLI
57	UPPER ILLINOIS	07120001030040	LA PORTE CO	INK0134_T1005	KANKAKEE RIVER-MAINSTEM	IMPAIRED BIOTIC COMMUNITIES, E. COLI
57	UPPER ILLINOIS	07120001030080	LA PORTE CO	INK0138_T1006	KANKAKEE RIVER-MAINSTEM	IMPAIRED BIOTIC COMMUNITIES, E. COLI
57	UPPER ILLINOIS	07120001030120	LA PORTE CO	INK013C_T1007	KANKAKEE RIVER-MAINSTEM	E. COLI
57	UPPER ILLINOIS	07120001040070	LA PORTE CO	INK0147_T1009	KANKAKEE RIVER	E. COLI
57	UPPER ILLINOIS	07120001080030	LA PORTE CO	INK0183_M1011	KANKAKEE RIVER-ENGLISH LAKE	E. COLI
57	UPPER ILLINOIS	07120001090150	PORTER CO	INK019F_M1104	KANKAKEE RIVER	E. COLI
59	UPPER ILLINOIS	07120001050030	ST. JOSEPH CO	INK0153_T1016	UNNAMED DITCH	E. COLI
60	LOWER WABASH	05120108040110	FOUNTAIN CO	INB084B_T1046	BIG PINE CREEK - BROWN DT TO PINE VILLAGE	E. COLI, LEAD
61	LOWER WABASH	05120108160020	MONTGOMERY CO	INB08G2_T1035	BIG RACCOON CREEK-NEW ROSS	IMPAIRED BIOTIC COMMUNITIES, E. COLI
61	LOWER WABASH	05120108160070	PUTNAM CO	INB08G7_T1040	BIG RACCOON CREEK	IMPAIRED BIOTIC COMMUNITIES

TABLE 5: PROPOSED 2004 303(d) LIST OF IMPAIRED WATERS FOR INDIANA (CATEGORY 5)

303(d) #	MAJOR BASIN	14 DIGIT HYDROLOGIC UNIT CODE	COUNTY	SEGMENT ID NUMBER	WATERBODY NAME	PARAMETERS OF CONCERN
61	LOWER WABASH	05120108160010	BOONE CO	INB08G1_T1034	BIG RACCOON CREEK	IMPAIRED BIOTIC COMMUNITIES
61	LOWER WABASH	05120108160030	MONTGOMERY CO	INB08G3_T1036	BIG RACCOON CREEK	IMPAIRED BIOTIC COMMUNITIES
64	LOWER WABASH	05120108160050	MONTGOMERY CO	INB08G5_T1038	CORNSTALK CREEK	IMPAIRED BIOTIC COMMUNITIES
67	UPPER WABASH	05120104060020	MIAMI CO	INB0462_T1017	EEL RIVER	E. COLI
67	UPPER WABASH	05120104010040	WHITLEY CO	INB0414_T1002	EEL RIVER	E. COLI
69	UPPER WABASH	05120104070060	CASS CO	INB0476_T1021	EEL RIVER	E. COLI
71	LOWER WABASH	05120108020070	TIPPECANOE CO	INB0827_T1013	ELLIOT DITCH	IMPAIRED BIOTIC COMMUNITIES
72	UPPER WABASH	05120107010110	HOWARD CO	INB071B_T1007	KOKOMO CREEK - HEADWATERS	E. COLI
72	UPPER WABASH	05120107010120	HOWARD CO	INB071C_T1026	KOKOMO CREEK - LOWER	E. COLI
73	UPPER WABASH	05120107010090	HOWARD CO	INB07P1003_00	KOKOMO RESERVOIR 2	NUTRIENTS, ALGAE, TASTE AND ODOR
78	UPPER WABASH	05120107020030	HOWARD CO	INB0723_T1010	LITTLE WILDCAT CREEK - MAINSTEM	E. COLI
79	UPPER WABASH	05120103030040	DELAWARE CO	INB0334_T1013	MISSISSINewa RIVER	E. COLI
79	UPPER WABASH	05120103050010	GRANT CO	INB0351_T1015	MISSISSINewa RIVER	E. COLI
79	UPPER WABASH	05120103050130	GRANT CO	INB035D_T1019	MISSISSINewa RIVER	E. COLI
79	UPPER WABASH	05120103060010	GRANT CO	INB0361_T1020	MISSISSINewa RIVER	E. COLI
79	UPPER WABASH	05120103060020	GRANT CO	INB0362_T1021	MISSISSINewa RIVER	E. COLI
80	LOWER WABASH	05120108160080	PUTNAM CO	INB08G8_T1041	NORTH RAMP CREEK	IMPAIRED BIOTIC COMMUNITIES
81	LOWER WABASH	05120111030080	VIGO CO	INB1138_T1023	OTTER CREEK	IMPAIRED BIOTIC COMMUNITIES, E. COLI, SULFATES, PH, TOTAL DISSOLVED SOLIDS
83	UPPER WABASH	05120107010100	HOWARD CO	INB071A_T1005	PRAIRIE CREEK DITCH - UPPER	E. COLI
83	UPPER WABASH	05120107010100	HOWARD CO	INB071A_T1032	PRAIRIE CREEK DITCH - LOWER	E. COLI
84	UPPER WABASH	05120107040040	CLINTON CO	INB0744_T1019	SOUTH FORK WILDCAT CREEK - MAINSTEM	E. COLI
84	UPPER WABASH	05120107040100	CLINTON CO	INB074A_T1020	SOUTH FORK WILDCAT CREEK - MAINSTEM	E. COLI

TABLE 5: PROPOSED 2004 303(d) LIST OF IMPAIRED WATERS FOR INDIANA (CATEGORY 5)

303(d) #	MAJOR BASIN	14 DIGIT HYDROLOGIC UNIT CODE	COUNTY	SEGMENT ID NUMBER	WATERBODY NAME	PARAMETERS OF CONCERN
85	LOWER WABASH	05120108160090	PUTNAM CO	INB08G9_T1042	SOUTH RAMP CREEK	IMPAIRED BIOTIC COMMUNITIES
86	LOWER WABASH	05120111050030	VIGO CO	INB1153_00	SUGAR CREEK	IMPAIRED BIOTIC COMMUNITIES
86	LOWER WABASH	05120111050040	VIGO CO	INB1154_T1026	SUGAR CREEK	IMPAIRED BIOTIC COMMUNITIES
86	LOWER WABASH	05120111050050	VIGO CO	INB1155_T1027	SUGAR CREEK - EAST LITTLE SUGAR CR TO MOUTH	IMPAIRED BIOTIC COMMUNITIES
87	LOWER WABASH	05120110020060	MONTGOMERY CO	INB1026_T1001	SUGAR CREEK	E. COLI
87	LOWER WABASH	05120110050010	MONTGOMERY CO	INB1051_T1006	SUGAR CREEK	E. COLI
89	LOWER WABASH	05120111160040	SULLIVAN CO	INB11G4_T1024	SULPHUR CREEK	IMPAIRED BIOTIC COMMUNITIES, COPPER, NICKEL, ZINC, SULFATES, PH, DISSOLVED OXYGEN, TOTAL DISSOLVED SOLIDS
90	UPPER WABASH	05120106010080	KOSCIUSKO CO	INB06P1002_00	TIPPECANOE LAKE	IMPAIRED BIOTIC COMMUNITIES
92	UPPER WABASH	05120106030050	KOSCIUSKO CO	INB0635_T1040	TIPPECANOE RIVER	E. COLI
92	UPPER WABASH	05120106040040	MARSHALL CO	INB0644_T1041	TIPPECANOE RIVER AND TRIBUTARY	E. COLI
93	UPPER WABASH	05120105010010	CASS CO	INB0511_M1001	WABASH RIVER	E. COLI
93	UPPER WABASH	05120105030040	CARROLL CO	INB0534_M1005	WABASH RIVER	E. COLI
93	UPPER WABASH	05120105070030	TIPPECANOE CO	INB0573_M1012	WABASH RIVER	E. COLI
93	LOWER WABASH	05120108030010	TIPPECANOE CO	INB0831_M1003	WABASH RIVER - D/S WEA CREEK	IMPAIRED BIOTIC COMMUNITIES, E. COLI
93	LOWER WABASH	05120108030030	TIPPECANOE CO	INB0833_M1004	WABASH RIVER - GRANVILLE BRDG TO FLINT CREEK	IMPAIRED BIOTIC COMMUNITIES, E. COLI
93	UPPER WABASH	05120101060040	WELLS CO	INB0164_T1001	WABASH RIVER	E. COLI
93	UPPER WABASH	05120101070040	WELLS CO	INB0174_T1005	WABASH RIVER MAINSTEM	E. COLI
93	UPPER WABASH	05120101140030	WABASH CO	INB01E3_M1029	WABASH RIVER	COPPER, E. COLI
93	UPPER WABASH	05120101160010	MIAMI CO	INB01G1_M1018	WABASH RIVER	E. COLI
94	LOWER WABASH	05120108070010	FOUNTAIN CO	INB0871_M1014	WABASH RIVER - ATTICA	NUTRIENTS, PH, DISSOLVED OXYGEN

TABLE 5: PROPOSED 2004 303(d) LIST OF IMPAIRED WATERS FOR INDIANA (CATEGORY 5)

303(d) #	MAJOR BASIN	14 DIGIT HYDROLOGIC UNIT CODE	COUNTY	SEGMENT ID NUMBER	WATERBODY NAME	PARAMETERS OF CONCERN
94	LOWER WABASH	05120108080010	FOUNTAIN CO	INB0881_M1015	WABASH RIVER	NUTRIENTS, PH, DISSOLVED OXYGEN
94	LOWER WABASH	05120108080040	FOUNTAIN CO	INB0884_M1017	WABASH RIVER	NUTRIENTS, PH
94	LOWER WABASH	05120108080060	FOUNTAIN CO	INB0886_M1018	WABASH RIVER	NUTRIENTS, PH
94	LOWER WABASH	05120108090010	FOUNTAIN CO	INB0891_M1019	WABASH RIVER	NUTRIENTS, PH
96	LOWER WABASH	05120108020060	TIPPECANOE CO	INB0826_T1045	WEA CREEK	IMPAIRED BIOTIC COMMUNITIES
96	LOWER WABASH	05120108020090	TIPPECANOE CO	INB0829_T1039	WEA CREEK - ELLIOT DT TO MOUTH	E. COLI
97	UPPER WABASH	05120107010080	HOWARD CO	INB0718_T1002	WILDCAT CREEK - JEROME	E. COLI
97	UPPER WABASH	05120107010100	HOWARD CO	INB071A_T1006	WILDCAT CREEK - MAINSTEM	E. COLI, CYANIDE
97	UPPER WABASH	05120107010100	HOWARD CO	INB071A_T1025	WILDCAT CREEK - UPSTREAM OF WATER INTAKE	E. COLI
97	UPPER WABASH	05120107020010	HOWARD CO	INB0721_T1008	WILDCAT CREEK - MAINSTEM	E. COLI
97	UPPER WABASH	05120107020070	HOWARD CO	INB0727_T1013	WILDCAT - MAINSTEM	E. COLI
97	UPPER WABASH	05120107020090	CARROLL CO	INB0729_T1015	WILDCAT CREEK - MAINSTEM	E. COLI
97	UPPER WABASH	05120107050010	TIPPECANOE CO	INB0751_T1024	WILDCAT CREEK - OSRW	E. COLI
97	UPPER WABASH	05120107010100	HOWARD CO	INB071A_T1033	CANNON - GOYER DITCH	E. COLI
99	WEST FORK WHITE	05120201130040	MARION CO	INW01D4_T1119	BEAN CREEK	IMPAIRED BIOTIC COMMUNITIES, E. COLI
100	WEST FORK WHITE	05120202010010	BROWN CO	INW0211_T1001	BEANBLOSSOM CREEK	E. COLI
100	WEST FORK WHITE	05120202010030	BROWN CO	INW0213_T1002	BEANBLOSSOM CREEK	E. COLI
100	WEST FORK WHITE	05120202010040	MONROE CO	INW0214_T1053	BEANBLOSSOM CREEK	E. COLI
100	WEST FORK WHITE	05120202010050	MONROE CO	INW0215_T1004	BEANBLOSSOM CREEK	E. COLI
100	WEST FORK WHITE	05120202010060	MONROE CO	INW0216_T1005	BEANBLOSSOM CREEK	E. COLI
100	WEST FORK WHITE	05120202010080	MONROE CO	INW0218_T1006	BEANBLOSSOM CREEK	E. COLI
100	WEST FORK WHITE	05120202010090	MONROE CO	INW0219_T1007	BEANBLOSSOM CREEK	E. COLI
100	WEST FORK WHITE	05120202010100	MONROE CO	INW021A_T1008	BEANBLOSSOM CREEK	E. COLI

TABLE 5: PROPOSED 2004 303(d) LIST OF IMPAIRED WATERS FOR INDIANA (CATEGORY 5)

303(d) #	MAJOR BASIN	14 DIGIT HYDROLOGIC UNIT CODE	COUNTY	SEGMENT ID NUMBER	WATERBODY NAME	PARAMETERS OF CONCERN
100	WEST FORK WHITE	05120202010010	BROWN CO	INW0211_00	BEANBLOSSOM CREEK-HEADWATERS	E. COLI
100	WEST FORK WHITE	05120202010020	BROWN CO	INW0212_00	NORTH BEAR FORK	E. COLI
100	WEST FORK WHITE	05120202010030	BROWN CO	INW0213_00	LICK CREEK	E. COLI
100	WEST FORK WHITE	05120202010040	MONROE CO	INW0214_P1003	LAKE LEMON	E. COLI
100	WEST FORK WHITE	05120202010050	MONROE CO	INW0215_00	HONEY CREEK	E. COLI
100	WEST FORK WHITE	05120202010060	MONROE CO	INW0216_00	BUCK CR/MUDDY FORK	E. COLI
100	WEST FORK WHITE	05120202010090	MONROE CO	INW0219_00	INDIAN CREEK	E. COLI
101	WEST FORK WHITE	05120203020010	PUTNAM CO	INW0321_T1001	BIG WALNUT CREEK	E. COLI
101	WEST FORK WHITE	05120203020020	PUTNAM CO	INW0322_T1002	BIG WALNUT CREEK- ERNIE PYLE MEMORIAL	E. COLI
101	WEST FORK WHITE	05120203020030	PUTNAM CO	INW0323_T1003	BIG WALNUT CREEK	E. COLI
101	WEST FORK WHITE	05120203020060	PUTNAM CO	INW0326_T1004	BIG WALNUT CREEK	E. COLI
101	WEST FORK WHITE	05120203020070	PUTNAM CO	INW0327_T1005	BIG WALNUT CREEK	E. COLI
101	WEST FORK WHITE	05120203040010	PUTNAM CO	INW0341_T1006	BIG WALNUT CREEK	E. COLI
101	WEST FORK WHITE	05120203040020	PUTNAM CO	INW0342_T1007	BIG WALNUT CREEK	E. COLI
101	WEST FORK WHITE	05120203010010	BOONE CO	INW0311_00	WEST FORK BIG WALNUT CREEK- HEADWATERS	E. COLI
101	WEST FORK WHITE	05120203010020	BOONE CO	INW0312_00	MAIN EDLIN DITCH- SMITH DITCH	E. COLI
101	WEST FORK WHITE	05120203010030	BOONE CO	INW0313_00	MAIN EDLIN DITCH- GRASSY BRANCH	E. COLI
101	WEST FORK WHITE	05120203010040	BOONE CO	INW0314_00	WEST FORK BIG WALNUT CREEK- LOWER	E. COLI
101	WEST FORK WHITE	05120203010060	HENDRICKS CO	INW0316_00	EAST FORK BIG WALNUT CREEK- ROSS DITCH	E. COLI
101	WEST FORK WHITE	05120203010070	HENDRICKS CO	INW0317_00	EAST FORK BIG WALNUT CREEK- LOWER	E. COLI
101	WEST FORK WHITE	05120203020010	PUTNAM CO	INW0321_00	BIG WALNUT- BARNARD TRIBUTARIES	E. COLI

TABLE 5: PROPOSED 2004 303(d) LIST OF IMPAIRED WATERS FOR INDIANA (CATEGORY 5)

303(d) #	MAJOR BASIN	14 DIGIT HYDROLOGIC UNIT CODE	COUNTY	SEGMENT ID NUMBER	WATERBODY NAME	PARAMETERS OF CONCERN
101	WEST FORK WHITE	05120203020030	PUTNAM CO	INW0323_00	BLED SOE BRANCH BASIN	E. COLI
101	WEST FORK WHITE	05120203020040	PUTNAM CO	INW0324_00	CLEAR CREEK- HEADWATERS (PUTNAM)	E. COLI
101	WEST FORK WHITE	05120203020050	PUTNAM CO	INW0325_00	CLEAR CREEK- MILLER CREEK	E. COLI
101	WEST FORK WHITE	05120203040020	PUTNAM CO	INW0342_00	MILL CREEK	E. COLI
101	WEST FORK WHITE	05120203050050	PUTNAM CO	INW0355_00	DEER CREEK- MOSQUITO CREEK	E. COLI
101	WEST FORK WHITE	5120203050060	PUTNAM CO	INW0356_00	DEWEESE CREEK	E. COLI
101	WEST FORK WHITE	05120203050070	PUTNAM CO	INW0357_00	DEER CREEK- LEATHERWOOD CREEK	E. COLI
101	WEST FORK WHITE	05120203070010	CLAY CO	INW0371_00	CROYS CREEK-VAN BUREN CREEK	E. COLI
101	WEST FORK WHITE	05120203070020	PUTNAM CO	INW0372_00	CROYS CREEK-BILLY CREEK	E. COLI
101	WEST FORK WHITE	05120203070030	CLAY CO	INW0373_00	EEL RIVER- SLATE/AHLEMAYER BRANCHES	E. COLI
102	WEST FORK WHITE	05120201020020	DELAWARE CO	INW0122_T1011	BUCK CREEK	IMPAIRED BIOTIC COMMUNITIES, E. COLI
102	WEST FORK WHITE	05120201020060	DELAWARE CO	INW0126_T1012	BUCK CREEK	IMPAIRED BIOTIC COMMUNITIES, E. COLI
102	WEST FORK WHITE	05120201020010	HENRY CO	INW0121_00	BUCK CREEK-LITTLE BUCK CREEK	E. COLI
102	WEST FORK WHITE	05120201020030	DELAWARE CO	INW0123_00	BELL CREEK-BETHEL BROOK	E. COLI
102	WEST FORK WHITE	05120201020040	DELAWARE CO	INW0124_00	BELL CREEK- WILLIAMS DITCH	E. COLI
102	WEST FORK WHITE	05120201020050	DELAWARE CO	INW0125_00	BELL CREEK-NO NAME CREEK	E. COLI
105	WEST FORK WHITE	05120203090050	CLAY CO	INW0395_T1019	CONNELLY DITCH- HEADWATERS	E. COLI
105	WEST FORK WHITE	05120203090060	CLAY CO	INW0396_T1020	CONNELLY DITCH	E. COLI
105	WEST FORK WHITE	05120203090060	CLAY CO	INW0396_00	CLAY CITY TRIB	E. COLI
106	WEST FORK WHITE	05120201130080	MARION CO	INW01D8_T1074	DOLLAR HIDE CREEK	IMPAIRED BIOTIC COMMUNITIES, E. COLI
107	WEST FORK WHITE	05120201060020	MADISON CO	INW0162_T1028	DUCK CREEK - ELWOOD TO LTL DUCK CR	E. COLI

TABLE 5: PROPOSED 2004 303(d) LIST OF IMPAIRED WATERS FOR INDIANA (CATEGORY 5)

303(d) #	MAJOR BASIN	14 DIGIT HYDROLOGIC UNIT CODE	COUNTY	SEGMENT ID NUMBER	WATERBODY NAME	PARAMETERS OF CONCERN
107	WEST FORK WHITE	05120201060030	MADISON CO	INW0163_T1029	DUCK CREEK - LTL DUCK CR TO POLYWOG CR	E. COLI
107	WEST FORK WHITE	05120201060040	HAMILTON CO	INW0164_T1030	DUCK CREEK	E. COLI
107	WEST FORK WHITE	05120201060060	HAMILTON CO	INW0166_T1031	DUCK CREEK	E. COLI
108	WEST FORK WHITE	05120201150140	MARION CO	INW01FE_T1107	EAST FORK WHITE LICK CREEK	IMPAIRED BIOTIC COMMUNITIES
108	WEST FORK WHITE	05120201150150	HENDRICKS CO	INW01FF_T1124	EAST FORK WHITE LICK CREEK	IMPAIRED BIOTIC COMMUNITIES
109	WEST FORK WHITE	05120201150150	HENDRICKS CO	INW01FF_T1108	EAST FORK WHITE LICK CREEK	E. COLI
109	WEST FORK WHITE	05120201150160	MORGAN CO	INW01FG_T1109	EAST FORK WHITE LICK CREEK	E. COLI
109	WEST FORK WHITE	05120201150140	MARION CO	INW01FE_00	EAST FORK WHITE LICK CREEK- HEADWATERS AND OTHER TRIBUTARIES	E. COLI
109	WEST FORK WHITE	05120201150150	HENDRICKS CO	INW01FF_00	EAST FORK WHITE LICK CREEK- STERLING RUN	E. COLI
109	WEST FORK WHITE	05120201150160	MORGAN CO	INW01FG_00	EAST FORK WHITE LICK CREEK-SILON CREEK	E. COLI
110	WEST FORK WHITE	05120201120010	BOONE CO	INW01C1_T1064	EAGLE CREEK	E. COLI
110	WEST FORK WHITE	05120201120020	BOONE CO	INW01C2_T1065	EAGLE CREEK	IMPAIRED BIOTIC COMMUNITIES, E. COLI
110	WEST FORK WHITE	05120201120050	BOONE CO	INW01C5_T1067	EAGLE CREEK	E. COLI
110	WEST FORK WHITE	05120201120080	MARION CO	INW01C8_T1068	EAGLE CREEK	E. COLI
110	WEST FORK WHITE	05120201120110	MARION CO	INW01CB_T1071	EAGLE CREEK-DAM TO LITTLE EAGLE CREEK	E. COLI
110	WEST FORK WHITE	05120201120140	MARION CO	INW01CE_T1072	EAGLE CREEK-NEELD DITCH/BLUE LAKE	IMPAIRED BIOTIC COMMUNITIES, E. COLI
110	WEST FORK WHITE	05120201120010	BOONE CO	INW01C1_00	DIXON BRANCH AND OTHER TRIBUTARIES	E. COLI
110	WEST FORK WHITE	05120201120020	BOONE CO	INW01C2_00	KREAGER DITCH AND OTHER TRIBUTARIES	E. COLI
110	WEST FORK WHITE	05120201120030	BOONE CO	INW01C3_00	FINLEY CREEK AND OTHER TRIBUTARIES	E. COLI

TABLE 5: PROPOSED 2004 303(d) LIST OF IMPAIRED WATERS FOR INDIANA (CATEGORY 5)

303(d) #	MAJOR BASIN	14 DIGIT HYDROLOGIC UNIT CODE	COUNTY	SEGMENT ID NUMBER	WATERBODY NAME	PARAMETERS OF CONCERN
110	WEST FORK WHITE	05120201120030	BOONE CO	INW01C3_T1066	EAGLE CREEK	E. COLI
110	WEST FORK WHITE	05120201120040	BOONE CO	INW01C4_00	MOUNTS RUN-NEESE DITCH	E. COLI
110	WEST FORK WHITE	05120201120050	BOONE CO	INW01C5_00	JACKSON RUN AND OTHER TRIBUTARIES	E. COLI
110	WEST FORK WHITE	05120201120060	HAMILTON CO	INW01C6_00	LITTLE EAGLE BRANCH- HEADWATERS	E. COLI
110	WEST FORK WHITE	05120201120070	BOONE CO	INW01C7_00	LITTLE EAGLE BRANCH-WOODRUFF BRANCH	E. COLI
110	WEST FORK WHITE	05120201120090	MARION CO	INW01C9_00	FISHBACK CREEK (EAGLE CREEK RESERVOIR)	E. COLI
111	WEST FORK WHITE	05120202020100	OWEN CO	INW022A_T1025	EAST FORK FISH CREEK	IMPAIRED BIOTIC COMMUNITIES
111	WEST FORK WHITE	05120202020100	OWEN CO	INW022A_T1060	UNNAMED BRANCH E.F. FISH CREEK	IMPAIRED BIOTIC COMMUNITIES
112	WEST FORK WHITE	05120203090070	CLAY CO	INW0397_T1018	EEL RIVER	E. COLI
112	WEST FORK WHITE	05120203090080	CLAY CO	INW0398_T1015	EEL RIVER	E. COLI
112	WEST FORK WHITE	05120203090120	GREENE CO	INW039C_T1024	EEL RIVER	E. COLI
112	WEST FORK WHITE	05120203090140	GREENE CO	INW039D_T1025	EEL RIVER	E. COLI
112	WEST FORK WHITE	05120203090090	GREENE CO	INW0399_00	LAGOON CREEK- HOWESVILLE DITCH	E. COLI
112	WEST FORK WHITE	05120203090120	GREENE CO	INW039C_00	NEED/BRUSH CREEK AND OTHER TRIBUTARIES	E. COLI
112	WEST FORK WHITE	05120203090120	GREENE CO	INW039C_T1023	LICK CREEK	E. COLI
113	WEST FORK WHITE	05120203090030	CLAY CO	INW0393_T1014	EEL RIVER	E. COLI
113	WEST FORK WHITE	05120203090040	CLAY CO	INW0394_T1016	EEL RIVER	E. COLI
113	WEST FORK WHITE	05120203080040	CLAY CO	INW0384_00	BIRCH CREEK-LITTLE BIRCH CREEK	E. COLI
113	WEST FORK WHITE	05120203080050	CLAY CO	INW0385_00	EAST FORK BIRCH CREEK	E. COLI
113	WEST FORK WHITE	05120203080060	CLAY CO	INW0386_00	BIRCH CREEK- PRAIRIE CREEK	E. COLI
113	WEST FORK WHITE	05120203080070	CLAY CO	INW0387_00	BRUSH CREEK- CROOKED CREEK	E. COLI

TABLE 5: PROPOSED 2004 303(d) LIST OF IMPAIRED WATERS FOR INDIANA (CATEGORY 5)

303(d) #	MAJOR BASIN	14 DIGIT HYDROLOGIC UNIT CODE	COUNTY	SEGMENT ID NUMBER	WATERBODY NAME	PARAMETERS OF CONCERN
113	WEST FORK WHITE	05120203080080	CLAY CO	INW0388_00	BIRCH CREEK- OUTLET (ZION CHURCH)	E. COLI
113	WEST FORK WHITE	05120203090020	CLAY CO	INW0392_00	SPLUNGE CREEK- CUTOFF/LITTLE SLOUGH	E. COLI
114	WEST FORK WHITE	05120201100030	MADISON CO	INW01A3_T1042	FALL CREEK	E. COLI
114	WEST FORK WHITE	05120201100050	MADISON CO	INW01A5_T1043	FALL CREEK	E. COLI
114	WEST FORK WHITE	05120201100060	MADISON CO	INW01A6_T1044	FALL CREEK	E. COLI
114	WEST FORK WHITE	05120201100090	MADISON CO	INW01A9_T1045	FALL CREEK- PENDLETON TO LICK CREEK	E. COLI
114	WEST FORK WHITE	05120201100010	HENRY CO	INW01A1_00	FALL CREEK-HONEY CREEK	E. COLI
114	WEST FORK WHITE	05120201100020	HENRY CO	INW01A2_00	FALL CREEK-SUGAR CREEK/DEER CREEK	E. COLI
114	WEST FORK WHITE	05120201100040	MADISON CO	INW01A4_00	SLY FORK-BRANDON DITCH	E. COLI
114	WEST FORK WHITE	05120201100070	MADISON CO	INW01A7_00	PRAIRIE CREEK (MADISON)	E. COLI
114	WEST FORK WHITE	05120201100080	MADISON CO	INW01A8_00	FOSTER BRANCH	E. COLI
115	WEST FORK WHITE	05120201110060	MARION CO	INW01B6_T1051	FALL CREEK	E. COLI
116	WEST FORK WHITE	05120202050060	DAVISS CO	INW0256_T1030	FIRST CREEK	E. COLI
116	WEST FORK WHITE	05120202050070	GREENE CO	INW0257_T1031	FIRST CREEK	E. COLI
116	WEST FORK WHITE	05120202050070	GREENE CO	INW0257_00	ROCKY BRANCH AND OTHER TRIBUTARIES	E. COLI
117	WEST FORK WHITE	05120201100150	MARION CO	INW01P1048_00	GEIST RESERVOIR	TASTE AND ODOR, ALGAE, NUTRIENTS
118	WEST FORK WHITE	05120202090010	DAVISS CO	INW0291_T1038	HAWKINS CREEK	IMPAIRED BIOTIC COMMUNITIES
120	WEST FORK WHITE	05120201170010	JOHNSON CO	INW01H1_T1097	INDIAN CREEK HEADWATERS (BROWN)	E. COLI
120	WEST FORK WHITE	05120201170020	JOHNSON CO	INW01H2_T1098	INDIAN CREEK	E. COLI
120	WEST FORK WHITE	05120201170030	MORGAN CO	INW01H3_T1099	INDIAN CREEK-BEAR CREEK	E. COLI
120	WEST FORK WHITE	05120201170040	MORGAN CO	INW01H4_T1100	INDIAN CREEK	E. COLI
120	WEST FORK WHITE	05120201170050	MORGAN CO	INW01H5_T1101	INDIAN CREEK	E. COLI

TABLE 5: PROPOSED 2004 303(d) LIST OF IMPAIRED WATERS FOR INDIANA (CATEGORY 5)

303(d) #	MAJOR BASIN	14 DIGIT HYDROLOGIC UNIT CODE	COUNTY	SEGMENT ID NUMBER	WATERBODY NAME	PARAMETERS OF CONCERN
120	WEST FORK WHITE	05120201170060	MORGAN CO	INW01H6_T1102	INDIAN CREEK- ROBERTSON CREEK	E. COLI
120	WEST FORK WHITE	05120201170070	MORGAN CO	INW01H7_T1103	INDIAN CREEK	E. COLI
120	WEST FORK WHITE	05120201170050	MORGAN CO	INW01H5_00	CAMP CREEK	E. COLI
120	WEST FORK WHITE	05120201170070	MORGAN CO	INW01H7_00	SAND CREEK	E. COLI
121	WEST FORK WHITE	05120201110060	MARION CO	INW01B6_T1057	MINNIE CREEK TRIBUTARIES	E. COLI
122	WEST FORK WHITE	05120202010100	MONROE CO	INW021A_T1017	JACKS DEFEAT CREEK	IMPAIRED BIOTIC COMMUNITIES
123	WEST FORK WHITE	05120203030030	PUTNAM CO	INW0333_T1008	JONES CREEK	IMPAIRED BIOTIC COMMUNITIES, E. COLI
123	WEST FORK WHITE	05120203030010	PUTNAM CO	INW0331_00	OWL CREEK	E. COLI
123	WEST FORK WHITE	05120203030020	PUTNAM CO	INW0332_00	LITTLE WALNUT CREEK-HEADWATERS	E. COLI
123	WEST FORK WHITE	05120203030030	PUTNAM CO	INW0333_00	JONES CREEK TRIBUTARIES	E. COLI
123	WEST FORK WHITE	05120203030040	PUTNAM CO	INW0334_00	LITTLE WALNUT CREEK-LEATHERMAN CREEK	E. COLI
123	WEST FORK WHITE	05120203030050	PUTNAM CO	INW0335_00	LITTLE WALNUT CREEK-LONG BRANCH	E. COLI
124	WEST FORK WHITE	05120202090040	KNOX CO	INW0294_T1041	KESSINGER DITCH	E. COLI
124	WEST FORK WHITE	05120202090050	KNOX CO	INW0295_00	ROBERSON DITCH- INDIAN/FLAT CREEKS	E. COLI
124	WEST FORK WHITE	05120202090060	KNOX CO	INW0296_T1042	KESSINGER DITCH	E. COLI
124	WEST FORK WHITE	05120202090070	DAVISS CO	INW0297_T1043	KESSINGER DITCH	E. COLI
124	WEST FORK WHITE	05120202090050	KNOX CO	INW0295_00	ROBERSON DITCH- INDIAN/FLAT CREEKS	E. COLI
124	WEST FORK WHITE	05120202090060	KNOX CO	INW0296_00	OPOSSUM BRANCH/STEEN DT/REEL CR	E. COLI
125	WEST FORK WHITE	05120201040050	MADISON CO	INW0145_T1016	KILLBUCK CREEK	IMPAIRED BIOTIC COMMUNITIES, E. COLI
125	WEST FORK WHITE	05120201040070	MADISON CO	INW0147_T1017	KILLBUCK CREEK - TO MOUTH	IMPAIRED BIOTIC COMMUNITIES, E. COLI

TABLE 5: PROPOSED 2004 303(d) LIST OF IMPAIRED WATERS FOR INDIANA (CATEGORY 5)

303(d) #	MAJOR BASIN	14 DIGIT HYDROLOGIC UNIT CODE	COUNTY	SEGMENT ID NUMBER	WATERBODY NAME	PARAMETERS OF CONCERN
127	WEST FORK WHITE	05120201160040	MORGAN CO	INW01G4_T1095	LAMBS CREEK	E. COLI
127	WEST FORK WHITE	05120201160050	MORGAN CO	INW01G5_T1096	LAMBS CREEK	E. COLI
128	WEST FORK WHITE	05120203090100	OWEN CO	INW039A_T1021	LICK CREEK	E. COLI
128	WEST FORK WHITE	05120203090110	OWEN CO	INW039B_T1022	LICK CREEK	E. COLI
129	WEST FORK WHITE	05120201080080	HAMILTON CO	INW0188_T1034	LITTLE CICERO CREEK	IMPAIRED BIOTIC COMMUNITIES
129	WEST FORK WHITE	05120201080090	HAMILTON CO	INW0189_T1035	LITTLE CICERO CREEK	IMPAIRED BIOTIC COMMUNITIES
130	WEST FORK WHITE	05120203050020	PUTNAM CO	INW0352_T1009	LITTLE DEER CREEK	IMPAIRED BIOTIC COMMUNITIES
131	WEST FORK WHITE	05120203040010	PUTNAM CO	INW0341_T1027	MAIDEN RUN	IMPAIRED BIOTIC COMMUNITIES
133	WEST FORK WHITE	05120202020030	OWEN CO	INW0223_T1018	MCCORMICKS CREEK	IMPAIRED BIOTIC COMMUNITIES, E. COLI
134	WEST FORK WHITE	05120203060010	HENDRICKS CO	INW0361_T1010	MILL CREEK-HEADWATERS (HENDRICKS)	E. COLI
134	WEST FORK WHITE	05120203060020	HENDRICKS CO	INW0362_T1011	MILL CREEK	E. COLI
134	WEST FORK WHITE	05120203060050	PUTNAM CO	INW0365_T1012	MILL CREEK	E. COLI
134	WEST FORK WHITE	05120203060020	HENDRICKS CO	INW0362_00	CRITTENDEN CREEK	E. COLI
134	WEST FORK WHITE	05120203060030	HENDRICKS CO	INW0363_00	EAST FORK MILL CREEK-HEADWATERS	IMPAIRED BIOTIC COMMUNITIES, E. COLI
134	WEST FORK WHITE	05120203060040	HENDRICKS CO	INW0364_00	EAST FORK MILL CREEK-LOWER	IMPAIRED BIOTIC COMMUNITIES, E. COLI
134	WEST FORK WHITE	05120203060050	PUTNAM CO	INW0365_00	SALLUST BRANCH TRIBUTARIES	E. COLI
134	WEST FORK WHITE	05120203060060	HENDRICKS CO	INW0366_00	MUD CREEK-HEADWATERS (HENDRICKS)	E. COLI
134	WEST FORK WHITE	05120203060070	MORGAN CO	INW0367_00	MUD CREEK-LOWER (HENDRICKS)	E. COLI
134	WEST FORK WHITE	05120203060150	OWEN CO	INW036F_00	MILL CREEK-UPSTREAM CAGLES MILL LAKE	E. COLI
135	WEST FORK WHITE	05120201080110	HAMILTON CO	INW01P1036_00	MORSE RESERVOIR	TASTE AND ODOR, ALGAE, NUTRIENTS

TABLE 5: PROPOSED 2004 303(d) LIST OF IMPAIRED WATERS FOR INDIANA (CATEGORY 5)

303(d) #	MAJOR BASIN	14 DIGIT HYDROLOGIC UNIT CODE	COUNTY	SEGMENT ID NUMBER	WATERBODY NAME	PARAMETERS OF CONCERN
136	WEST FORK WHITE	05120201050020	MADISON CO	INW0152_T1020	PIPE CREEK	IMPAIRED BIOTIC COMMUNITIES, E. COLI
136	WEST FORK WHITE	05120201050030	MADISON CO	INW0153_T1021	PIPE CREEK	IMPAIRED BIOTIC COMMUNITIES, E. COLI
136	WEST FORK WHITE	05120201050040	MADISON CO	INW0154_T1022	PIPE CREEK	IMPAIRED BIOTIC COMMUNITIES, E. COLI
136	WEST FORK WHITE	05120201050060	MADISON CO	INW0156_T1023	PIPE CREEK	IMPAIRED BIOTIC COMMUNITIES, E. COLI
136	WEST FORK WHITE	05120201050070	MADISON CO	INW0157_T1024	PIPE CREEK	E. COLI
136	WEST FORK WHITE	05120201050080	MADISON CO	INW0158_T1025	PIPE CREEK	IMPAIRED BIOTIC COMMUNITIES, E. COLI
136	WEST FORK WHITE	05120201050090	MADISON CO	INW0159_T1026	PIPE CREEK - SWANFELT DT TO COUNTY LINE	IMPAIRED BIOTIC COMMUNITIES, E. COLI
136	WEST FORK WHITE	05120201050010	DELAWARE CO	INW0151_00	PIPE CREEK-YEAGER FINLEY MENARD DITCH	IMPAIRED BIOTIC COMMUNITIES, E. COLI
136	WEST FORK WHITE	05120201050020	MADISON CO	INW0152_00	PIPE CREEK	IMPAIRED BIOTIC COMMUNITIES, E. COLI
136	WEST FORK WHITE	05120201050090	HAMILTON CO	INW0159_00	PIPE CREEK - HAMILTON COUNTY	IMPAIRED BIOTIC COMMUNITIES, E. COLI
137	WEST FORK WHITE	05120201130030	MARION CO	INW01D3_T1062	PLEASANT RUN	IMPAIRED BIOTIC COMMUNITIES, E. COLI
138	WEST FORK WHITE	05120203020030	PUTNAM CO	INW0323_T1026	PLUM CREEK	IMPAIRED BIOTIC COMMUNITIES
139	WEST FORK WHITE	05120202040060	GREENE CO	INW0246_T1023	PLUMMER CREEK	E. COLI
139	WEST FORK WHITE	05120202040090	GREENE CO	INW0249_T1024	PLUMMER CREEK	E. COLI
139	WEST FORK WHITE	05120202040060	GREENE CO	INW0246_00	BLACK ANKLE CREEK	E. COLI
139	WEST FORK WHITE	05120202040090	GREENE CO	INW0249_00	FLYBLOW BR - BURCHAM BR	E. COLI
140	WEST FORK WHITE	05120201130010	MARION CO	INW01D1_T1061	POGUES RUN	IMPAIRED BIOTIC COMMUNITIES, E. COLI
141	WEST FORK WHITE	05120202080010	DAVIESS CO	INW0281_P1045	NORTH FORK PRAIRIE CREEK (RESERVOIR)	E. COLI
141	WEST FORK WHITE	05120202080010	DAVIESS CO	INW0281_T1044	NORTH FORK PRAIRIE CREEK	E. COLI

TABLE 5: PROPOSED 2004 303(d) LIST OF IMPAIRED WATERS FOR INDIANA (CATEGORY 5)

303(d) #	MAJOR BASIN	14 DIGIT HYDROLOGIC UNIT CODE	COUNTY	SEGMENT ID NUMBER	WATERBODY NAME	PARAMETERS OF CONCERN
141	WEST FORK WHITE	05120202080020	DAVISS CO	INW0282_T1046	NORTH FORK PRAIRIE CREEK	E. COLI
141	WEST FORK WHITE	05120202080030	DAVISS CO	INW0283_T1047	NORTH FORK PRAIRIE CREEK	IMPAIRED BIOTIC COMMUNITIES, E. COLI
141	WEST FORK WHITE	05120202080040	DAVISS CO	INW0284_P1048	SOUTH FORK PRARIE CREEK (RESERVOIR)	E. COLI
141	WEST FORK WHITE	05120202080040	DAVISS CO	INW0284_T1049	SOUTH FORK PRAIRIE CREEK	E. COLI
141	WEST FORK WHITE	05120202080050	DAVISS CO	INW0285_T1050	SOUTH FORK PRAIRIE CREEK	E. COLI
141	WEST FORK WHITE	05120202080060	DAVISS CO	INW0286_T1051	SOUTH FORK PRAIRIE CREEK	E. COLI
141	WEST FORK WHITE	05120202080010	DAVISS CO	INW0281_00	NORTH FORK PRAIRIE CREEK- HEADWATER TRIBUTARIES	E. COLI
141	WEST FORK WHITE	05120202080020	DAVISS CO	INW0282_00	BARNES CREEK AND OTHER TRIBUTARIES	E. COLI
141	WEST FORK WHITE	05120202080030	DAVISS CO	INW0283_00	BETHEL CREEK AND OTHER TRIBUTARIES	E. COLI
141	WEST FORK WHITE	05120202080040	DAVISS CO	INW0284_00	FLAT CREEK AND OTHER TRIBUTARIES	E. COLI
141	WEST FORK WHITE	05120202080050	DAVISS CO	INW0285_00	DINKIN CREEK AND OTHER TRIBUTARIES	E. COLI
141	WEST FORK WHITE	05120202080060	DAVISS CO	INW0286_T1166	ANTIOCH CREEK	E. COLI
141	WEST FORK WHITE	05120202080060	DAVISS CO	INW0286_T1167	EAGAN DITCH BASIN	E. COLI, NUTRIENTS
141	WEST FORK WHITE	05120202080070	DAVISS CO	INW0287_00	KILLION CANAL AND OTHER TRIBUTARIES	E. COLI
142	WEST FORK WHITE	05120202040010	GREENE CO	INW0241_T1019	RICHLAND CREEK	E. COLI
142	WEST FORK WHITE	05120202040010	GREENE CO	INW0241_T1164	LITTLE RICHLAND CREEK	IMPAIRED BIOTIC COMMUNITIES, E. COLI
142	WEST FORK WHITE	05120202040020	GREENE CO	INW0242_T1020	RICHLAND CREEK	IMPAIRED BIOTIC COMMUNITIES, E. COLI
142	WEST FORK WHITE	05120202040050	GREENE CO	INW0245_T1022	RICHLAND CREEK	IMPAIRED BIOTIC COMMUNITIES, E. COLI
143	WEST FORK WHITE	05120202010070	MONROE CO	INW0217_T1015	S.F. GRIFFY CR	IMPAIRED BIOTIC COMMUNITIES

TABLE 5: PROPOSED 2004 303(d) LIST OF IMPAIRED WATERS FOR INDIANA (CATEGORY 5)

303(d) #	MAJOR BASIN	14 DIGIT HYDROLOGIC UNIT CODE	COUNTY	SEGMENT ID NUMBER	WATERBODY NAME	PARAMETERS OF CONCERN
144	WEST FORK WHITE	05120201130070	MARION CO	INW01D7_T1073	STATE DITCH	IMPAIRED BIOTIC COMMUNITIES, E. COLI
144	WEST FORK WHITE	05120201130070	MARION CO	INW01D7_T1120	MARS DITCH	IMPAIRED BIOTIC COMMUNITIES, E. COLI
145	WEST FORK WHITE	05120201070050	HAMILTON CO	INW0175_T1039	STONE CREEK	E. COLI
145	WEST FORK WHITE	05120201070060	HAMILTON CO	INW0176_T1040	STONE CREEK	E. COLI
145	WEST FORK WHITE	05120201070070	HAMILTON CO	INW0177_T1041	STONE CREEK	E. COLI
148	WEST FORK WHITE	05120201130040	MARION CO	INW01D4_M1060	WHITE RIVER	E. COLI
149	WEST FORK WHITE	05120201130100	JOHNSON CO	INW01DA_M1077	WHITE RIVER-MANN CREEK/HARNESS DITCH	CYANIDE, E. COLI, DISSOLVED OXYGEN
151	WEST FORK WHITE	05120201090010	HAMILTON CO	INW0191_M1038	WHITE RIVER	E. COLI
151	WEST FORK WHITE	05120201090020	HAMILTON CO	INW0192_M1052	WHITE RIVER	E. COLI
151	WEST FORK WHITE	05120201090040	MARION CO	INW0194_M1053	WHITE RIVER	E. COLI
151	WEST FORK WHITE	05120201090050	MARION CO	INW0195_M1054	WHITE RIVER- HAVERSTICK CREEK/HOWLAND DITCH TRIBUTARIES	E. COLI
151	WEST FORK WHITE	05120201090080	MARION CO	INW0198_M1055	WHITE RIVER	IMPAIRED BIOTIC COMMUNITIES
151	WEST FORK WHITE	05120201090010	HAMILTON CO	INW0191_00	SHOEMAKER DITCH (HAMILTON) AND OTHER TRIBUTARIES	E. COLI
151	WEST FORK WHITE	05120201090030	HAMILTON CO	INW0193_00	COOL CREEK BASIN	E. COLI
152	WEST FORK WHITE	05120201160010	MORGAN CO	INW01G1_M1092	WHITE RIVER	E. COLI
152	WEST FORK WHITE	05120201160060	MORGAN CO	INW01G6_M1094	WHITE RIVER	E. COLI, CYANIDE
152	WEST FORK WHITE	05120201170030	MORGAN CO	INW01G3_M1093	WHITE RIVER	E. COLI
152	WEST FORK WHITE	05120201180030	MORGAN CO	INW01J3_M1104	WHITE RIVER- PARAGON BRIDGE	E. COLI
152	WEST FORK WHITE	05120201180060	MORGAN CO	INW01J6_M1105	WHITE RIVER	E. COLI
152	WEST FORK WHITE	05120201140140	MORGAN CO	INW01EE_00	CLEAR CREEK- EAST/WEST/GRASSY FORKS	E. COLI

TABLE 5: PROPOSED 2004 303(d) LIST OF IMPAIRED WATERS FOR INDIANA (CATEGORY 5)

303(d) #	MAJOR BASIN	14 DIGIT HYDROLOGIC UNIT CODE	COUNTY	SEGMENT ID NUMBER	WATERBODY NAME	PARAMETERS OF CONCERN
152	WEST FORK WHITE	05120201160020	MORGAN CO	INW01G2_00	SYCAMORE CREEK	E. COLI
152	WEST FORK WHITE	05120201160050	MORGAN CO	INW01G5_00	GOOSE CREEK	IMPAIRED BIOTIC COMMUNITIES
152	WEST FORK WHITE	05120201170030	MORGAN CO	INW01G3_00	HIGHLAND CREEK	E. COLI
153	WEST FORK WHITE	05120201070010	HAMILTON CO	INW0171_T1027	WHITE RIVER - PIPE CR TO DUCK CR	E. COLI
153	WEST FORK WHITE	05120201070020	HAMILTON CO	INW0172_T1032	WHITE RIVER - DUCK CR TO RIVERWOOD	IMPAIRED BIOTIC COMMUNITIES, E. COLI
153	WEST FORK WHITE	05120201070030	HAMILTON CO	INW0173_T1033	WHITE RIVER	IMPAIRED BIOTIC COMMUNITIES, E. COLI
154	WEST FORK WHITE	05120201140030	MORGAN CO	INW01E3_M1079	WHITE RIVER	CYANIDE
154	WEST FORK WHITE	05120201140040	MORGAN CO	INW01E4_M1080	WHITE RIVER	E. COLI
154	WEST FORK WHITE	05120201140060	MORGAN CO	INW01E6_M1081	WHITE RIVER	E. COLI
154	WEST FORK WHITE	05120201140130	MORGAN CO	INW01ED_M1082	WHITE RIVER- HENDERSON BRIDGE	E. COLI
155	WEST FORK WHITE	05120202020010	OWEN CO	INW0221_M1009	WHITE RIVER	IMPAIRED BIOTIC COMMUNITIES, E. COLI
155	WEST FORK WHITE	05120202020030	OWEN CO	INW0223_M1010	WHITE RIVER	IMPAIRED BIOTIC COMMUNITIES, E. COLI
155	WEST FORK WHITE	05120202020040	OWEN CO	INW0224_M1011	WHITE RIVER	IMPAIRED BIOTIC COMMUNITIES, E. COLI, CYANIDE
155	WEST FORK WHITE	05120202020060	OWEN CO	INW0226_M1012	WHITE RIVER	IMPAIRED BIOTIC COMMUNITIES, E. COLI
155	WEST FORK WHITE	05120202020090	OWEN CO	INW0229_M1013	WHITE RIVER	IMPAIRED BIOTIC COMMUNITIES, E. COLI
155	WEST FORK WHITE	05120202020150	GREENE CO	INW022F_M1061	WHITE RIVER	IMPAIRED BIOTIC COMMUNITIES, E. COLI
156	WEST FORK WHITE	05120202050010	GREENE CO	INW0251_M1028	WHITE RIVER	IMPAIRED BIOTIC COMMUNITIES
156	WEST FORK WHITE	05120202050040	GREENE CO	INW0254_M1029	WHITE RIVER- NEWBERRY TRIBS	IMPAIRED BIOTIC COMMUNITIES
156	WEST FORK WHITE	05120202050090	DAVISS CO	INW0259_M1032	WHITE RIVER	IMPAIRED BIOTIC COMMUNITIES
157	WEST FORK WHITE	05120201030030	MADISON CO	INW0133_T1015	WHITE RIVER - CHESTERFIELD TO ANDERSON	IMPAIRED BIOTIC COMMUNITIES, E. COLI

TABLE 5: PROPOSED 2004 303(d) LIST OF IMPAIRED WATERS FOR INDIANA (CATEGORY 5)

303(d) #	MAJOR BASIN	14 DIGIT HYDROLOGIC UNIT CODE	COUNTY	SEGMENT ID NUMBER	WATERBODY NAME	PARAMETERS OF CONCERN
157	WEST FORK WHITE	05120201040080	MADISON CO	INW0148_T1018	WHITE RIVER	IMPAIRED BIOTIC COMMUNITIES, E. COLI
157	WEST FORK WHITE	05120201040100	HAMILTON CO	INW014A_T1019	WHITE RIVER- PERKINSVILLE	E. COLI, CYANIDE
158	WEST FORK WHITE	05120201020060	DELAWARE CO	INW0126_T1010	WHITE RIVER	E. COLI
158	WEST FORK WHITE	05120201030010	DELAWARE CO	INW0131_T1013	WHITE RIVER	E. COLI
158	WEST FORK WHITE	05120201030020	MADISON CO	INW0132_T1014	WHITE RIVER	E. COLI
160	WEST FORK WHITE	05120202050100	DAVISS CO	INW025A_M1033	WHITE RIVER - ELNORA TO SMOTHERS CR CUTOFF	IMPAIRED BIOTIC COMMUNITIES
160	WEST FORK WHITE	05120202060070	DAVISS CO	INW0267_M1034	WHITE RIVER - SMOTHER CR CUTOFF TO BLACK CR	IMPAIRED BIOTIC COMMUNITIES
160	WEST FORK WHITE	05120202070010	KNOX CO	INW0271_M1035	WHITE RIVER - BLACK CR EDWARDSPORT	IMPAIRED BIOTIC COMMUNITIES
160	WEST FORK WHITE	05120202070020	KNOX CO	INW0272_M1036	WHITE RIVER	IMPAIRED BIOTIC COMMUNITIES
160	WEST FORK WHITE	05120202070050	KNOX CO	INW0275_M1037	WHITE RIVER - WHEATLAND	IMPAIRED BIOTIC COMMUNITIES
161	WEST FORK WHITE	05120202090010	DAVISS CO	INW0291_M1039	WHITE RIVER	IMPAIRED BIOTIC COMMUNITIES
161	WEST FORK WHITE	05120202090070	DAVISS CO	INW0297_M1040	WHITE RIVER	IMPAIRED BIOTIC COMMUNITIES
162	WEST FORK WHITE	05120201010010	RANDOLPH CO	INW0111_T1001	WHITE RIVER	E. COLI
162	WEST FORK WHITE	05120201010020	RANDOLPH CO	INW0112_T1002	WHITE RIVER	IMPAIRED BIOTIC COMMUNITIES, E. COLI
162	WEST FORK WHITE	05120201010030	RANDOLPH CO	INW0113_T1003	WHITE RIVER	E. COLI
162	WEST FORK WHITE	05120201010040	RANDOLPH CO	INW0114_T1004	WHITE RIVER	E. COLI
162	WEST FORK WHITE	05120201010050	RANDOLPH CO	INW0115_T1005	WHITE RIVER	E. COLI
162	WEST FORK WHITE	05120201010090	DELAWARE CO	INW0119_T1006	WHITE RIVER	E. COLI
162	WEST FORK WHITE	05120201010100	DELAWARE CO	INW011A_T1007	WHITE RIVER	E. COLI
162	WEST FORK WHITE	05120201010120	DELAWARE CO	INW011C_T1008	WHITE RIVER	E. COLI
162	WEST FORK WHITE	05120201010130	DELAWARE CO	INW011D_T1009	WHITE RIVER	IMPAIRED BIOTIC COMMUNITIES, E. COLI
162	WEST FORK WHITE	05120201010010	RANDOLPH CO	INW0111_T1221	OWL CREEK AND TRIBUTARY	E. COLI

TABLE 5: PROPOSED 2004 303(d) LIST OF IMPAIRED WATERS FOR INDIANA (CATEGORY 5)

303(d) #	MAJOR BASIN	14 DIGIT HYDROLOGIC UNIT CODE	COUNTY	SEGMENT ID NUMBER	WATERBODY NAME	PARAMETERS OF CONCERN
162	WEST FORK WHITE	05120201010010	RANDOLPH CO	INW0111_T1222	WHITE RIVER HEADWATER TRIBUTARIES	E. COLI
162	WEST FORK WHITE	05120201010060	RANDOLPH CO	INW0116_00	CABIN CREEK-LAMB CREEK	E. COLI
162	WEST FORK WHITE	05120201010070	RANDOLPH CO	INW0117_00	STONEY CREEK- LITTLE STONEY CREEK	E. COLI
162	WEST FORK WHITE	05120201010080	RANDOLPH CO	INW0118_00	LITTLE WHITE RIVER	E. COLI
162	WEST FORK WHITE	05120201010090	DELAWARE CO	INW0119_00	STONEY CREEK AND OTHER TRIBUTARIES	E. COLI
162	WEST FORK WHITE	05120201010100	DELAWARE CO	INW011A_00	MUD CREEK AND OTHER TRIBUTARIES	E. COLI
162	WEST FORK WHITE	05120201010130	DELAWARE CO	INW011D_00	MUNCIE CREEK - OTHER TRIBUTARIES	E. COLI
163	WEST FORK WHITE	05120201150040	HENDRICKS CO	INW01F4_T1085	WHITE LICK CREEK	E. COLI
163	WEST FORK WHITE	05120201150050	HENDRICKS CO	INW01F5_T1086	WHITE LICK CREEK	E. COLI
163	WEST FORK WHITE	05120201150070	HENDRICKS CO	INW01F7_T1087	WHITE LICK CREEK- PLAINFIELD	E. COLI
163	WEST FORK WHITE	05120201150120	MORGAN CO	INW01FC_T1088	WHITE LICK CREEK	E. COLI
163	WEST FORK WHITE	05120201150130	MORGAN CO	INW01FD_T1089	WHITE LICK CREEK- MOORSEVILLE	E. COLI
163	WEST FORK WHITE	05120201150180	MORGAN CO	INW01FJ_T1091	WHITE LICK CREEK	E. COLI
163	WEST FORK WHITE	05120201150040	HENDRICKS CO	INW01F4_00	TILDEN	E. COLI
163	WEST FORK WHITE	05120201150100	HENDRICKS CO	INW01FA_T1224	WEST FORK WHITE LICK CREEK	E. COLI
163	WEST FORK WHITE	05120201150110	MORGAN CO	INW01FB_00	WEST FORK WHITE LICK CREEK-MAIN STEM	E. COLI
164	EAST FORK WHITE	05120204010040	HENRY CO	INW0414_T1003	BIG BLUE RIVER	E. COLI
164	EAST FORK WHITE	05120204010050	HENRY CO	INW0415_T1004	BIG BLUE RIVER	E. COLI
164	EAST FORK WHITE	05120204010080	HENRY CO	INW0418_T1005	BIG BLUE RIVER	E. COLI
164	EAST FORK WHITE	05120204010110	RUSH CO	INW041B_T1006	BIG BLUE RIVER	E. COLI
164	EAST FORK WHITE	05120204010120	RUSH CO	INW041C_T1007	BIG BLUE RIVER	E. COLI
164	EAST FORK WHITE	05120204010130	RUSH CO	INW041D_T1008	BIG BLUE RIVER	E. COLI

TABLE 5: PROPOSED 2004 303(d) LIST OF IMPAIRED WATERS FOR INDIANA (CATEGORY 5)

303(d) #	MAJOR BASIN	14 DIGIT HYDROLOGIC UNIT CODE	COUNTY	SEGMENT ID NUMBER	WATERBODY NAME	PARAMETERS OF CONCERN
164	EAST FORK WHITE	05120204010140	HANCOCK CO	INW041E_T1009	BIG BLUE RIVER	E. COLI
166	EAST FORK WHITE	05120208090010	MONROE CO	INW0891_T1020	CLEAR CREEK	IMPAIRED BIOTIC COMMUNITIES, E. COLI
166	EAST FORK WHITE	05120208090030	MONROE CO	INW0893_T1022	CLEAR CREEK	IMPAIRED BIOTIC COMMUNITIES, E. COLI
168	EAST FORK WHITE	05120208090010	MONROE CO	INW0891_T1019	EAST FORK JACKSON CREEK	IMPAIRED BIOTIC COMMUNITIES
172	EAST FORK WHITE	05120205050150	BARTHOLOMEW, DECATUR, HENRY, RUSH, SHELBY CO'S	INW055F_T1014	FLATROCK RIVER	E. COLI
173	EAST FORK WHITE	05120208090010	MONROE CO	INW0891_T1018	JACKSON CREEK	IMPAIRED BIOTIC COMMUNITIES
173	EAST FORK WHITE	05120208090010	MONROE CO	INW0891_00	UNNAMED TRIBUTARY OF JACKSON CREEK	IMPAIRED BIOTIC COMMUNITIES, E. COLI
174	EAST FORK WHITE	05120204030050	SHELBY CO	INW0435_T1016	LITTLE BLUE RIVER	E. COLI
174	EAST FORK WHITE	05120204030060	SHELBY CO	INW0436_T1015	LITTLE BLUE RIVER	E. COLI
183	EAST FORK WHITE	05120204060010	HANCOCK CO	INW0461_T1028	SUGAR CREEK	E. COLI
183	EAST FORK WHITE	05120204060020	HANCOCK CO	INW0462_T1029	SUGAR CREEK	E. COLI
183	EAST FORK WHITE	05120204060030	HANCOCK CO	INW0463_T1030	SUGAR CREEK	E. COLI
183	EAST FORK WHITE	05120204060040	HANCOCK CO	INW0464_T1031	SUGAR CREEK	E. COLI
183	EAST FORK WHITE	05120204060050	SHELBY CO	INW0465_T1032	SUGAR CREEK SMITH-JOHNSON DITCH	E. COLI
184	EAST FORK WHITE	05120204080050	JOHNSON CO	INW0485_T1035	SUGAR CREEK- NEEDHAM	E. COLI
187	EAST FORK WHITE	05120204090050	JOHNSON CO	INW0496_T1042	YOUNGS CREEK	E. COLI
187	EAST FORK WHITE	05120204090060	JOHNSON CO	INW0497_T1043	YOUNGS CREEK	E. COLI
188	WEST FORK WHITE	05120202100030	KNOX CO	INW02A3_M1052	WHITE RIVER	IMPAIRED BIOTIC COMMUNITIES
188	WEST FORK WHITE	05120202100100	KNOX CO	INW02AA_M1055	WHITE RIVER	IMPAIRED BIOTIC COMMUNITIES
188	WEST FORK WHITE	05120202100120	KNOX CO	INW02AC_M1056	WHITE RIVER	IMPAIRED BIOTIC COMMUNITIES
190	GREAT MIAMI	05080003070060	WAYNE CO	ING0376_T1013	WHITEWATER RIVER, EAST FORK	E. COLI
190	GREAT MIAMI	05080003070050	WAYNE CO	ING0375_T1023	WHITEWATER RIVER, WF OF EAST FORK	E. COLI

TABLE 5: PROPOSED 2004 303(d) LIST OF IMPAIRED WATERS FOR INDIANA (CATEGORY 5)

303(d) #	MAJOR BASIN	14 DIGIT HYDROLOGIC UNIT CODE	COUNTY	SEGMENT ID NUMBER	WATERBODY NAME	PARAMETERS OF CONCERN
194	GREAT MIAMI	05080003070040	WAYNE CO	ING03P1012_00	MIDDLE FORK RESERVOIR	TASTE AND ODOR, ALGAE
197	PATOKA RIVER	05120209070010	PIKE CO	INP0971_T1021	SOUTH FORK PATOKA RIVER	IMPAIRED BIOTIC COMMUNITIES
197	PATOKA RIVER	05120209070020	PIKE CO	INP0972_T1022	SOUTH FORK PATOKA RIVER	IMPAIRED BIOTIC COMMUNITIES
197	PATOKA RIVER	05120209070030	PIKE CO	INP0973_T1023	SOUTH FORK PATOKA RIVER	IMPAIRED BIOTIC COMMUNITIES
199	OHIO TRIBUTARIES	05140104140010	HARRISON CO	INN04E1_T1001	BLUE RIVER	E. COLI
199	OHIO TRIBUTARIES	05140104150010	HARRISON CO	INN04F1_T1003	BLUE RIVER	E. COLI
199	OHIO TRIBUTARIES	05140104150020	HARRISON CO	INN04F2_T1004	BLUE RIVER	E. COLI
199	OHIO TRIBUTARIES	05140104150060	HARRISON CO	INN04F6_T1007	BLUE RIVER	E. COLI
199	OHIO TRIBUTARIES	05140104150060	HARRISON CO	INN04F6_T1039	BLUE RIVER	E. COLI
199	OHIO TRIBUTARIES	05140104150070	HARRISON CO	INN04F7_T1008	BLUE RIVER	IMPAIRED BIOTIC COMMUNITIES, E. COLI
200	OHIO TRIBUTARIES	05140201160020	WARRICK CO	INE01G2_T1009	CYPRESS CREEK	E. COLI, PESTICIDES, SULFATES, TOTAL DISSOLVED SOLIDS
202	OHIO TRIBUTARIES	05140201140010	WARRICK CO	INE01E1_T1045	LITTLE PIGEON CREEK	IMPAIRED BIOTIC COMMUNITIES, SULFATES, TOTAL DISSOLVED SOLIDS
205	OHIO RIVER	05090203	SWITZERLAND CO	INH1_00	OHIO RIVER - OHIO STATE LINE TO MARKLAND DAM	E. COLI
205	OHIO RIVER	05090203	SWITZERLAND CO	INH2_00	OHIO RIVER - MARKLAND TO KENTUCKY RIVER	E. COLI
205	OHIO RIVER	05140101	CLARK CO	INH3_00	OHIO RIVER - KENTUCKY R TO BATTLE CR	E. COLI
205	OHIO RIVER	05140101	CLARK CO	INH3_M01	OHIO RIVER - BATTLE CR TO MCALPINE DAM	E. COLI
205	OHIO RIVER	05140101	HARRISON CO	INH4_00	OHIO RIVER - MCALPINE TO GREENWOOD, KY	E. COLI
205	OHIO RIVER	05140101	HARRISON CO	INH4_M01	OHIO RIVER - GREENWOOD, KY TO SALT CR	E. COLI
205	OHIO RIVER	05140201	PERRY CO	INH5_00	OHIO RIVER - SALT CR TO CANNELTON	E. COLI

TABLE 5: PROPOSED 2004 303(d) LIST OF IMPAIRED WATERS FOR INDIANA (CATEGORY 5)

303(d) #	MAJOR BASIN	14 DIGIT HYDROLOGIC UNIT CODE	COUNTY	SEGMENT ID NUMBER	WATERBODY NAME	PARAMETERS OF CONCERN
205	OHIO RIVER	05140201	VANDERBURGH CO	INH7_00	OHIO RIVER - NEWBURGH TO GREEN R	DIOXIN
205	OHIO RIVER	05140202	POSEY CO	INH8_M01	OHIO RIVER - EVANSVILLE TO UNIONTOWN	E. COLI
205	OHIO RIVER	05140202	POSEY CO	INH9_00	OHIO RIVER - UNIONTOWN TO WABASH R	E. COLI
205	OHIO RIVER	05140202	VANDERBURGH CO	INH8_00	OHIO RIVER - GREEN RIVER TO EVANSVILLE	E. COLI
206	OHIO TRIBUTARIES	05140202040080	VANDERBURGH CO	INE0248_T1002	PIGEON CREEK- HARPER DITCH	E. COLI, DISSOLVED OXYGEN
206	OHIO TRIBUTARIES	05140202040100	VANDERBURGH CO	INE024A_T1003	PIGEON CREEK- KLEYMEYER PARK	E. COLI
209	GREAT LAKES	04040001070010	LA PORTE CO	INC0171_T1072	EAST BRANCH TRAIL CREEK	E. COLI
210	GREAT LAKES	04040001100050	LA PORTE CO	INC01A5_T1071	GALENA RIVER	IMPAIRED BIOTIC COMMUNITIES, E. COLI
211	GREAT LAKES	04040001070030	LA PORTE CO	INC0173_T1096	TRAIL CREEK TRIBUTARY BASIN	IMPAIRED BIOTIC COMMUNITIES
212	GREAT LAKES	04040001070030	LA PORTE CO	INC0172_00	WEST BRANCH TRAIL CREEK AND OTHER TRIBS	E. COLI
212	GREAT LAKES	04040001070030	LA PORTE CO	INC0172_T1073	WEST BRANCH TRAIL CREEK - WATERFORD CR	E. COLI
214	GREAT LAKES	04040001060020	PORTER CO	INC0162_T1104	RICE LAKE TRIB AND OUTLET STREAMS	E. COLI
213	GREAT LAKES	04040001080040	PORTER CO	INC0184_00	KINTZELE DITCH AND TRIBS	E. COLI
215	GREAT LAKES	04040001060030	PORTER CO	INC0163_T1105	COFFEE CREEK BASIN	E. COLI
216	GREAT LAKES	04040001050040	PORTER CO	INC0154_00	DAMON RUN - SWANSON LAMPORTE DITCH	E. COLI
217	GREAT LAKES	04040001050040	PORTER CO	INC0154_T1095	DAMON RUN AND TRIBUTARY	IMPAIRED BIOTIC COMMUNITIES, E. COLI
218	GREAT LAKES	04040001030050	LAKE CO	INC0135_T1094	DEEP RIVER TRIBUTARY MERRILLVILLE	IMPAIRED BIOTIC COMMUNITIES, SILTATION
219	GREAT LAKES	04040001030050	LAKE CO	INC0135_T1069	DEEP RIVER U/S US30	E. COLI
219	GREAT LAKES	04040001030060	LAKE CO	INC0136_T1070	DEEP RIVER	E. COLI
220	GREAT LAKES	04050001090050	STEUBEN CO	INJ0195_00	FAWN RIVER-ORLAND	E. COLI

TABLE 5: PROPOSED 2004 303(d) LIST OF IMPAIRED WATERS FOR INDIANA (CATEGORY 5)

303(d) #	MAJOR BASIN	14 DIGIT HYDROLOGIC UNIT CODE	COUNTY	SEGMENT ID NUMBER	WATERBODY NAME	PARAMETERS OF CONCERN
221	GREAT LAKES	4050001110100	STEBEN CO	INJ01BA_T1309	TURKEY CREEK - STUMP DITCH	E. COLI
222	GREAT LAKES	04050001110120	LAGRANGE CO	INJ01BC_T1298	PIGEON CREEK	E. COLI
222	GREAT LAKES	04050001120010	LAGRANGE CO	INJ01C1_T1300	PIGEON RIVER	E. COLI
223	GREAT LAKES	04050001120020	LAGRANGE CO	INJ01C2_00	FLY CREEK- HEADWATERS (LAGRANGE)	E. COLI
225	GREAT LAKES	04050001140010	LAGRANGE CO	INJ01E1_T1301	EMMA CREEK TRIB	IMPAIRED BIOTIC COMMUNITIES, AMMONIA
226	GREAT LAKES	04050001180040	NOBLE CO	INJ01J4_T1313	CROFT DITCH	E. COLI
226	GREAT LAKES	04050001180050	NOBLE CO	INJ01J5_T1314	SOUTH BRANCH ELKHART RIVER	E. COLI
226	GREAT LAKES	04050001180060	NOBLE CO	INJ01J6_T1315	SOUTH BRANCH ELKHART RIVER	E. COLI
227	GREAT LAKES	04050001170080	NOBLE CO	INJ01H8_T1312	NORTH BRANCH ELKHART RIVER AND TRIBS	E. COLI
228	GREAT LAKES	04050001200030	KOSCIUSKO CO	INJ01M3_00	TURKEY CREEK- SKINNER/HOOPINGAR NER DITCHES	E. COLI
228	GREAT LAKES	04050001200050	KOSCIUSKO CO	INJ01M5_T1318	TURKEY CREEK	E. COLI
228	GREAT LAKES	04050001200060	KOSCIUSKO CO	INJ01M6_T1319	TURKEY CREEK	E. COLI
228	GREAT LAKES	04050001200080	ELKHART CO	INJ01M8_T1320	TURKEY CREEK	E. COLI
228	GREAT LAKES	04050001200100	ELKHART CO	INJ01MA_T1321	TURKEY CREEK	E. COLI
229	GREAT LAKES	04050001230010	ELKHART CO	INJ01R1_T1305	WISLER DITCH AND TRIBS	IMPAIRED BIOTIC COMMUNITIES, NUTRIENTS
230	GREAT LAKES	04050001190060	ELKHART CO	INJ01K6_T1317	SOLOMON CREEK AND TRIBS	E. COLI
231	GREAT LAKES	04050001190030	ELKHART CO	INJ01K3_T1316	STONE CREEK AND TRIB	E. COLI
232	GREAT LAKES	04050001230040	ELKHART CO	INJ01R4_T1307	BAUGO CREEK AND TRIBS	E. COLI
232	GREAT LAKES	04050001230040	ELKHART CO	INJ01R4_T1323	BAUGO CREEK	E. COLI
233	GREAT LAKES	04050001210030	ELKHART CO	INJ01N3_T1322	ROCK RUN CREEK AND TRIBS	E. COLI
234	GREAT LAKES	04050001210020	ELKHART CO	INJ01N2_00	ROCK RUN CREEK- HOOVER DITCH- BOYER DITCH	IMPAIRED BIOTIC COMMUNITIES
235	GREAT LAKES	04050001150030	ELKHART CO	INJ01F3_00	PINE CREEK- NORTH/SOUTH FORKS	E. COLI

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303(d) #	MAJOR BASIN	14 DIGIT HYDROLOGIC UNIT CODE	COUNTY	SEGMENT ID NUMBER	WATERBODY NAME	PARAMETERS OF CONCERN
236	GREAT LAKES	04050001140040	ELKHART CO	INJ01E4_T1302	LITTLE ELKHART RIVER	IMPAIRED BIOTIC COMMUNITIES
236	GREAT LAKES	04050001140060	ELKHART CO	INJ01E6_T1303	LITTLE ELKHART RIVER	IMPAIRED BIOTIC COMMUNITIES, E. COLI
237	GREAT LAKES	04050001240020	ST JOSEPH CO	INJ01T2_T1324	WILLOW CREEK AND TRIB	E. COLI
238	GREAT LAKES	04050001240060	ST JOSEPH CO	INJ01T6_T1308	ST. JOSEPH RIVER TRIB	IMPAIRED BIOTIC COMMUNITIES
239	UPPER ILLINOIS	07120001140010	LAKE CO	INK01E1_T1108	BULL RUN BASIN	IMPAIRED BIOTIC COMMUNITIES
240	UPPER ILLINOIS	07120001130010	LAKE CO	INK01D1_T1107	EAST BRANCH STONY RUN	NUTRIENTS, TOTAL DISSOLVED SOLIDS, CHLORIDES
241	UPPER ILLINOIS	07120001130080	LAKE CO	INK01D8_00	SINGLETON DITCH-BRUCE DITCH/BAILEY DITCH	IMPAIRED BIOTIC COMMUNITIES, TOTAL DISSOLVED SOLIDS
242	UPPER ILLINOIS	07120001130030	LAKE CO	INK01D3_00	SINGLETON DITCH-BRYANT DITCH	E. COLI
243	UPPER ILLINOIS	07120001090100	PORTER CO	INK019A_00	COBB DITCH-SIEVERS CREEK	IMPAIRED BIOTIC COMMUNITIES
244	UPPER ILLINOIS	07120001100030	JASPER CO	INK01A3_00	HODGE DITCH-DELEHANTY/ SCHATZLEY DITCHES	IMPAIRED BIOTIC COMMUNITIES
245	UPPER ILLINOIS	07120001030090	LA PORTE CO	INK0139_00	SALISBURY DITCH	IMPAIRED BIOTIC COMMUNITIES
246	UPPER ILLINOIS	07120001030080	LA PORTE CO	INK0138_00	KANKAKEE RIVER-LONG DITCH	E. COLI
247	UPPER ILLINOIS	07120001010120	LA PORTE CO	INK011C_00	LITTLE KANKAKEE RIVER-BYRON	E. COLI
248	UPPER ILLINOIS	07120001010130	LA PORTE CO	INK011D_00	LITTLE KANKAKEE RIVER-MILL CREEK-FISH LAKES	IMPAIRED BIOTIC COMMUNITIES
250	UPPER ILLINOIS	07120001020050	ST JOSEPH CO	INK0125_00	POTATO CREEK-KARTOFFEL CREEK	E. COLI
250	UPPER ILLINOIS	07120001020060	LA PORTE CO	INK0126_00	PINE CREEK-HORACE MILLER DITCH	E. COLI
251	UPPER ILLINOIS	07120001050040	MARSHALL CO	INK0154_00	ARMEY DITCH - HEADWATERS	E. COLI
251	UPPER ILLINOIS	07120001050060	MARSHALL CO	INK0155_00	YELLOW RIVER - ARMEY DITCH - ALBERT ZEIGER DITCH	E. COLI
251	UPPER ILLINOIS	07120001050080	MARSHALL CO	INK0158_00	YELLOW RIVER - RIVERSIDE CHURCH	E. COLI

TABLE 5: PROPOSED 2004 303(d) LIST OF IMPAIRED WATERS FOR INDIANA (CATEGORY 5)

303(d) #	MAJOR BASIN	14 DIGIT HYDROLOGIC UNIT CODE	COUNTY	SEGMENT ID NUMBER	WATERBODY NAME	PARAMETERS OF CONCERN
251	UPPER ILLINOIS	07120001050150	MARSHALL CO	INK015F_00	YELLOW RIVER - MILNER SELTENRIGHT DITCH	E. COLI
251	UPPER ILLINOIS	07120001060050	MARSHALL CO	INK0165_00	YELLOW RIVER - LISTENBERGER/CLIFF TON DITCHES	E. COLI
251	UPPER ILLINOIS	07120001060060	STARKE CO	INK0166_00	YELLOW RIVER - OBER	E. COLI
251	UPPER ILLINOIS	07120001060100	STARKE CO	INK016A_00	YELLOW RIVER-KNOX	E. COLI
252	UPPER ILLINOIS	07120001060040	MARSHALL CO	INK0164_T1102	MEYERS DITCH BASIN	IMPAIRED BIOTIC COMMUNITIES
254	UPPER ILLINOIS	07120001050160	MARSHALL CO	INK015G_T1101	ELMER-SELTENRIGHT DITCH HEADWATERS	IMPAIRED BIOTIC COMMUNITIES
255	UPPER ILLINOIS	07120001010020	ST JOSEPH CO	INK0112_00	ALDRICH DITCH - SCHANG DITCH	E. COLI
256	UPPER ILLINOIS	07120001050070	MARSHALL CO	INK0157_00	STOCK DITCH - BUNCH BRANCHES	IMPAIRED BIOTIC COMMUNITIES
257	GREAT LAKES	04100003090080	ALLEN CO	INA0398_T1077	WILLOW CREEK AND TRIB	E. COLI
258	GREAT LAKES	04100003090020	DEKALB CO	INA0392_T1075	DIEHL DITCH	E. COLI
258	GREAT LAKES	04100003090030	DEKALB CO	INA0393_T1060	DOSCH DITCH	IMPAIRED BIOTIC COMMUNITIES
258	GREAT LAKES	04100003090050	DEKALB CO	INA0395_T1062	LITTLE CEDAR CREEK	IMPAIRED BIOTIC COMMUNITIES, E. COLI
258	GREAT LAKES	04100003090060	DEKALB CO	INA0396_T1069	LITTLE CEDAR CREEK	E. COLI
261	GREAT LAKES	04100003070010	DEKALB CO	INA0371_T1059	ST. JOSEPH RIVER	E. COLI
262	GREAT LAKES	04100003060060	DEKALB CO	INA0366_T1057	METCALF DITCH AND TRIBS	IMPAIRED BIOTIC COMMUNITIES
263	GREAT LAKES	04100003050060	DEKALB CO	INA0356_T1056	FISH CR TRIB/OUTLET OF BURDICK LK	IMPAIRED BIOTIC COMMUNITIES
264	GREAT LAKES	04100003050040	STEUBEN CO	INA0354_T1076	BLACK CREEK	IMPAIRED BIOTIC COMMUNITIES
265	GREAT LAKES	04100003050010	STEUBEN CO	INA0351_T1064	FISH CREEK AND TRIBS	E. COLI
265	GREAT LAKES	04100003050020	STEUBEN CO	INA0352_T1065	WEST BRANCH FISH CREEK AND TRIBS	E. COLI
265	GREAT LAKES	04100003050050	DEKALB CO	INA0355_T1072	HERMAN SWEET DITCH	E. COLI
265	GREAT LAKES	04100003050060	DEKALB CO	INA0356_T1073	FISH CREEK TRIBS	E. COLI
265	GREAT LAKES	04100003050060	DEKALB CO	INA0356_T1074	FISH CREEK AND TRIBS	E. COLI

TABLE 5: PROPOSED 2004 303(d) LIST OF IMPAIRED WATERS FOR INDIANA (CATEGORY 5)

303(d) #	MAJOR BASIN	14 DIGIT HYDROLOGIC UNIT CODE	COUNTY	SEGMENT ID NUMBER	WATERBODY NAME	PARAMETERS OF CONCERN
266	GREAT LAKES	04100005010040	ALLEN CO	INA0514_00	BULLERMAN DITCH AND OTHER TRIBUTARIES	IMPAIRED BIOTIC COMMUNITIES
267	GREAT LAKES	04100005010090	ALLEN CO	INA0519_T1008	BOTERN DITCH AND TRIBUTARIES	IMPAIRED BIOTIC COMMUNITIES
268	GREAT LAKES	04100005010110	ALLEN CO	INA051B_00	BLACK CREEK (ALLEN)	IMPAIRED BIOTIC COMMUNITIES, NUTRIENTS, ALGAE
269	GREAT LAKES	04100005010140	ALLEN CO	INA051E_00	HAM INTERCEPTOR DITCH	IMPAIRED BIOTIC COMMUNITIES, NUTRIENTS
270	GREAT LAKES	04100007120040	ALLEN CO	INA07C4_T1001	GROMEAX DITCH	IMPAIRED BIOTIC COMMUNITIES
271	GREAT LAKES	04100007120020	ALLEN CO	INA07C2_00	FLATROCK CREEK- BROWN DITCH	IMPAIRED BIOTIC COMMUNITIES, E. COLI, NUTRIENTS
272	GREAT LAKES	04100004040040	ADAMS CO	INA0444_00	LITTLE BLUE CREEK	E. COLI
273	GREAT LAKES	04100004040030	ADAMS CO	INA0443_T1014	GATES DITCH	E. COLI
274	GREAT LAKES	04100004040070	ADAMS CO	INA0447_00	YELLOW CREEK- MARTZ CREEK	IMPAIRED BIOTIC COMMUNITIES, NUTRIENTS, TOTAL DISSOLVED SOLIDS
275	GREAT LAKES	04100004050020	ADAMS CO	INA0452_00	HOLTHOUSE DITCH- KOHNE DITCH	IMPAIRED BIOTIC COMMUNITIES
276	GREAT LAKES	04100004050040	ALLEN CO	INA0454_T1012	ST. MARYS RIVER TRIB	IMPAIRED BIOTIC COMMUNITIES
278	GREAT LAKES	04100004060060	ALLEN CO	INA0466_T1013	SPY RUN BASIN	IMPAIRED BIOTIC COMMUNITIES
282	UPPER WABASH	05120104050050	MIAMI CO	INB0455_00	BOLLEY DITCH - LUKENS LAKE	IMPAIRED BIOTIC COMMUNITIES
282	UPPER WABASH	05120104050060	WABASH CO	INB0456_00	SQUIRREL CREEK - BERGER DITCH	IMPAIRED BIOTIC COMMUNITIES
284	UPPER WABASH	05120106110110	WHITE CO	INB06BB_00	BIG MONON DITCH - OUTLET	E. COLI
288	UPPER WABASH	05120106050060	FULTON CO	INB0656_00	MUD CREEK - SMITH DITCH	IMPAIRED BIOTIC COMMUNITIES
288	UPPER WABASH	05120106050070	FULTON CO	INB0657_00	MUD CREEK - NEFF/ BAKER DITCHES	IMPAIRED BIOTIC COMMUNITIES
290	UPPER ILLINOIS	07120002070020	BENTON CO	INK0272_00	SUGAR CREEK-EARL PARK	E. COLI
291	UPPER ILLINOIS	07120002050070	NEWTON CO	INK0257_00	MONTGOMERY DITCH-MORRISON DITCH NO. 2 DITCH	NUTRIENTS, DISSOLVED OXYGEN
292	UPPER ILLINOIS	07120002050030	NEWTON CO	INK0253_00	THOMPSON DITCH- HAMBRIDGE DITCH	IMPAIRED BIOTIC COMMUNITIES
293	UPPER ILLINOIS	07120002050020	NEWTON CO	INK0252_00	THOMPSON DITCH- CLARK DITCH	NUTRIENTS, DISSOLVED OXYGEN

TABLE 5: PROPOSED 2004 303(d) LIST OF IMPAIRED WATERS FOR INDIANA (CATEGORY 5)

303(d) #	MAJOR BASIN	14 DIGIT HYDROLOGIC UNIT CODE	COUNTY	SEGMENT ID NUMBER	WATERBODY NAME	PARAMETERS OF CONCERN
294	UPPER ILLINOIS	07120002040060	NEWTON CO	INK0246_00	MOSQUITO CREEK- SIMONIN DITCH	DISSOLVED OXYGEN
295	UPPER ILLINOIS	07120002040030	JASPER CO	INK0243_00	CURTIS CREEK- YEOMAN DITCH	NUTRIENTS, DISSOLVED OXYGEN, TOTAL DISSOLVED SOLIDS, CHLORIDES
296	UPPER ILLINOIS	07120002030050	JASPER CO	INK0235_T1019	SLOUGH CREEK	E. COLI
296	UPPER ILLINOIS	07120002030080	JASPER CO	INK0238_00	SLOUGH CREEK- CARPENTER CREEK (LOWER)	E. COLI
297	UPPER ILLINOIS	07120002030020	JASPER CO	INK0232_T1018	RINGEISEN DITCH BASIN	IMPAIRED BIOTIC COMMUNITIES
298	UPPER ILLINOIS	07120002020010	JASPER CO	INK0221_T1017	ROWAN DITCH TRIBUTARY	NUTRIENTS, DISSOLVED OXYGEN
301	UPPER WABASH	05120105050030	CASS CO	INB0553_T1006	DEER CREEK U/S OF BROWN DITCH	E. COLI
301	UPPER WABASH	05120105050030	CASS CO	INB0553_T1014	MUNSON DITCH AND NEXT TRIBUTARY D/S ON LEFT BANK	E. COLI
303	UPPER WABASH	05120101170030	GRANT CO	INB01H3_00	PIPE CREEK - UPPER	IMPAIRED BIOTIC COMMUNITIES
304	UPPER WABASH	05120101170110	CASS CO	INB01HB_T1030	PIPE CREEK	E. COLI
306	UPPER WABASH	05120101150070	WABASH CO	INB01F7_00	MILL CREEK BASIN	IMPAIRED BIOTIC COMMUNITIES
307	UPPER WABASH	05120101140010	HUNTINGTON CO	INB01E1_00	SILVER CREEK BASIN	COPPER
308	UPPER WABASH	05120101120040	HUNTINGTON CO	INB01C4_00	LITTLE RIVER - MUD CREEK	E. COLI
309	UPPER WABASH	05120101120040	HUNTINGTON CO	INB01C4_T1031	MUD CREEK	IMPAIRED BIOTIC COMMUNITIES
310	UPPER WABASH	05120101110020	WELLS CO	INB01B2_00	EIGHTMILE CREEK - UPPER MIDDLE	IMPAIRED BIOTIC COMMUNITIES
311	UPPER WABASH	05120101060030	ADAMS CO	INB0163_00	WABASH RIVER - THREEMILE CREEK	E. COLI
311	UPPER WABASH	05120101060040	WELLS CO	INB0164_00	WABASH RIVER AND TRIBUTARY	E. COLI
312	UPPER WABASH	05120101060010	ADAMS CO	INB0161_T1025	WABASH RIVER	IMPAIRED BIOTIC COMMUNITIES, TOTAL DISSOLVED SOLIDS, CHLORIDES
313	UPPER WABASH	05120101040010	JAY CO	INB0141_T1023	WABASH RIVER	E. COLI
314	UPPER WABASH	05120101050060	JAY CO	INB0156_T1024	LIMBERLOST CREEK AND TRIBUTARIES ABOVE TRIBUTARY 2	IMPAIRED BIOTIC COMMUNITIES

TABLE 5: PROPOSED 2004 303(d) LIST OF IMPAIRED WATERS FOR INDIANA (CATEGORY 5)

303(d) #	MAJOR BASIN	14 DIGIT HYDROLOGIC UNIT CODE	COUNTY	SEGMENT ID NUMBER	WATERBODY NAME	PARAMETERS OF CONCERN
315	UPPER WABASH	05120102020040	BLACKFORD CO	INB0224_00	SALAMONIE RIVER - EAST CREEK	E. COLI
315	UPPER WABASH	05120102030010	WELLS CO	INB0231_00	SALAMONIE RIVER - RHOTON DITCH	E. COLI
316	UPPER WABASH	05120102040040	HUNTINGTON CO	INB0244_00	MAJENCIA CREEK - HEADWATERS	IMPAIRED BIOTIC COMMUNITIES, NUTRIENTS
317	UPPER WABASH	05120102040020	HUNTINGTON CO	INB0242_T1002	SALAMONIE RIVER- LANCASTER	E. COLI
318	UPPER WABASH	05120103060010	GRANT CO	INB0361_00	HUMMEL CREEK	IMPAIRED BIOTIC COMMUNITIES
319	UPPER WABASH	05120107040120	TIPPECANOE CO	INB074C_00	LAURAMIE CREEK	E. COLI
320	UPPER WABASH	05120107030070	TIPPECANOE CO	INB0737_00	MIDDLE FORK WILDCAT CREEK - PETTIT	E. COLI
320	UPPER WABASH	05120107040130	TIPPECANOE CO	INB074D_T1022	SOUTH FORK WILDCAT CREEK	E. COLI
321	UPPER WABASH	05120107040130	TIPPECANOE CO	INB074D_T1050	UNNAMED TRIBUTARY BASIN	IMPAIRED BIOTIC COMMUNITIES
322	UPPER WABASH	05120107040100	CLINTON CO	INB074A_T1048	HEAVILON DITCH - HEADWATER	AMMONIA, DISSOLVED OXYGEN
323	UPPER WABASH	05120107040020	CLINTON CO	INB0742_T1047	UNNAMED TRIBUTARY BASIN	IMPAIRED BIOTIC COMMUNITIES
324	UPPER WABASH	05120107040090	CLINTON CO	INB0749_00	KILMORE CREEK - BOYLES DITCH	E. COLI
325	UPPER WABASH	05120107030040	CLINTON CO	INB0734_T1045	CAMPBELLS RUN - MAINSTEM	E. COLI
325	UPPER WABASH	05120107030050	CLINTON CO	INB0735_T1046	CAMPBELLS RUN - MAINSTEM	E. COLI
326	UPPER WABASH	05120107030020	CARROLL CO	INB0732_T1042	WILDCAT CREEK, MIDDLE FORK - MAINSTEM	E. COLI
327	UPPER WABASH	05120107020040	HOWARD CO	INB0724_00	WEST HONEY CREEK	E. COLI
328	UPPER WABASH	05120107020010	HOWARD CO	INB0721_00	KITTY RUN AND OTHER TRIBUTARIES	E. COLI
328	UPPER WABASH	05120107020020	HOWARD CO	INB0722_00	LITTLE WILDCAT CREEK - EAST FORK	E. COLI
328	UPPER WABASH	05120107020020	TIPTON CO	INB0722_T1035	UNNAMED TRIBUTARY	E. COLI, TOTAL DISSOLVED SOLIDS
329	UPPER WABASH	05120107010110	HOWARD CO	INB071B_00	FINN DITCH AND OTHER TRIBUTARIES	E. COLI
329	UPPER WABASH	05120107010120	HOWARD CO	INB071C_00	MARTIN - YOUNGMAN DITCH BASIN	E. COLI
332	UPPER WABASH	05120107010030	TIPTON CO	INB0713_00	MUD CREEK - HEADWATERS (TIPTON)	E. COLI

TABLE 5: PROPOSED 2004 303(d) LIST OF IMPAIRED WATERS FOR INDIANA (CATEGORY 5)

303(d) #	MAJOR BASIN	14 DIGIT HYDROLOGIC UNIT CODE	COUNTY	SEGMENT ID NUMBER	WATERBODY NAME	PARAMETERS OF CONCERN
332	UPPER WABASH	05120107010040	TIPTON CO	INB0714_00	MUD CREEK - NORTH CREEK	IMPAIRED BIOTIC COMMUNITIES, E. COLI
332	UPPER WABASH	05120107010060	TIPTON CO	INB0716_T1030	TURKEY CREEK	E. COLI
332	UPPER WABASH	05120107010070	HOWARD CO	INB0717_T1031	MUD CREEK - IRWIN CREEK	E. COLI
333	UPPER WABASH	05120107010010	HOWARD CO	INB0711_00	GRASSY FORK DITCH - HARPER DITCH	E. COLI
334	LOWER WABASH	05120108180020	PARKE CO	INB08J2_00	LITTLE RACCOON CREEK-MOORE LAKE/GUION	PH, TOTAL DISSOLVED SOLIDS
335	LOWER WABASH	05120109100070	VERMILLION CO	INB09A7_00	VERMILLION RIVER-WHIPPOORWILL BRANCH	E. COLI, LEAD
336	LOWER WABASH	05120108100040	FOUNTAIN CO	INB08A4_00	COAL CREEK-STONE BLUFF	E. COLI
336	LOWER WABASH	05120108100050	FOUNTAIN CO	INB08A5_00	COAL CREEK-DRY RUN	E. COLI
336	LOWER WABASH	05120108110010	FOUNTAIN CO	INB08B1_00	COAL CREEK-COPPER CHAPEL	E. COLI
337	LOWER WABASH	05120108070030	FOUNTAIN CO	INB0873_00	SHAWNEE CREEK-KELL DT/LITTLE SHAWNEE CREEK	E. COLI
338	LOWER WABASH	05120108030090	FOUNTAIN CO	INB0839_T1049	OPOSSUM HOLLOW BASIN	IMPAIRED BIOTIC COMMUNITIES
339	LOWER WABASH	05120108030040	TIPPECANOE CO	INB0834_00	FLINT CREEK - FLINT RUN	NUTRIENTS, DISSOLVED OXYGEN
341	LOWER WABASH	05120108040010	WHITE CO	INB0841_00	BIG PINE CREEK-ROUDEBUSH DITCH	IMPAIRED BIOTIC COMMUNITIES, DISSOLVED OXYGEN, ALGAE
342	LOWER WABASH	05120110060080	PARKE CO	INB1068_00	RUSH CREEK-EAST/WEST FORKS	IMPAIRED BIOTIC COMMUNITIES
343	LOWER WABASH	05120110040060	MONTGOMERY CO	INB1046_00	WALNUT FORK - ABOVE LITTLE SUGAR CREEK	IMPAIRED BIOTIC COMMUNITIES
345	LOWER WABASH	05120110010090	BOONE CO	INB1019_00	SUGAR CREEK-BROWN'S WONDER CREEK (LOWER)	IMPAIRED BIOTIC COMMUNITIES
345	LOWER WABASH	05120110010080	BOONE CO	INB1018_00	BROWN'S WONDER CREEK-ROSS DITCH	IMPAIRED BIOTIC COMMUNITIES
346	LOWER WABASH	05120110010070	BOONE CO	INB1017_00	SUGAR CREEK-DAVIS/BARNES DITCH	E. COLI
347	WEST FORK WHITE	05120201140070	MORGAN CO	INW01E7_00	NORTH PRONG STOTTS CREEK-HEADWATERS	IMPAIRED BIOTIC COMMUNITIES, E. COLI

TABLE 5: PROPOSED 2004 303(d) LIST OF IMPAIRED WATERS FOR INDIANA (CATEGORY 5)

303(d) #	MAJOR BASIN	14 DIGIT HYDROLOGIC UNIT CODE	COUNTY	SEGMENT ID NUMBER	WATERBODY NAME	PARAMETERS OF CONCERN
347	WEST FORK WHITE	05120201140070	MORGAN CO	INW01E7_T1115	NORTH PRONG STOTTS CREEK LMTD USE WATERS	IMPAIRED BIOTIC COMMUNITIES, E. COLI
347	WEST FORK WHITE	05120201140080	MORGAN CO	INW01E8_T1121	NORTH PRONG STOTTS CREEK	IMPAIRED BIOTIC COMMUNITIES, E. COLI
347	WEST FORK WHITE	05120201140090	JOHNSON CO	INW01E9_00	SOUTH PRONG STOTTS CREEK- HEADWATERS	E. COLI
347	WEST FORK WHITE	05120201140100	MORGAN CO	INW01EA_T1122	SOUTH PRONG STOTTS CREEK	IMPAIRED BIOTIC COMMUNITIES, E. COLI
347	WEST FORK WHITE	05120201140110	MORGAN CO	INW01EB_T1123	SOUTH PRONG STOTTS CREEK	E. COLI
347	WEST FORK WHITE	05120201140080	MORGAN CO	INW01E8_00	HENDERSON CREEK	E. COLI
347	WEST FORK WHITE	05120201140100	MORGAN CO	INW01EA_00	KASTS CREEK	E. COLI
347	WEST FORK WHITE	05120201140110	MORGAN CO	INW01EB_00	LOST CREEK	E. COLI
347	WEST FORK WHITE	05120201140120	MORGAN CO	INW01EC_00	STOTTS CREEK- EXCHANGE	E. COLI
349	EAST FORK WHITE	05120204080060	JOHNSON CO	INW0488_00	LITTLE SUGAR CREEK	E. COLI
355	LOWER WABASH	05120111160100	SULLIVAN CO	INB11GA_00	BUSSEY CREEK- ROBBINS CREEK	NUTRIENTS
356	LOWER WABASH	05120111160050	SULLIVAN CO	INB11G5_T1034	BIG BRANCH TRIBUTARY - GILMOUR	SULFATES, TOTAL DISSOLVED SOLIDS
356	LOWER WABASH	05120111160060	SULLIVAN CO	INB11G6_00	BIG BRANCH-MUD CREEK	SULFATES, TOTAL DISSOLVED SOLIDS
356	LOWER WABASH	05120111160070	SULLIVAN CO	INB11G7_T1035	BUSSEY CREEK - HYMERA	SULFATES, TOTAL DISSOLVED SOLIDS
356	LOWER WABASH	05120111160080	SULLIVAN CO	INB11G8_T1036	BUSSEY CREEK	SULFATES, TOTAL DISSOLVED SOLIDS
356	LOWER WABASH	05120111160090	SULLIVAN CO	INB11G9_00	BUTTERMILK CREEK	SULFATES, TOTAL DISSOLVED SOLIDS
356	LOWER WABASH	05120111160110	SULLIVAN CO	INB11GB_T1037	BUSSEY CREEK - PAXTON	SULFATES, TOTAL DISSOLVED SOLIDS
356	LOWER WABASH	05120111160130	SULLIVAN CO	INB11GD_00	BUSSEY CREEK- TANYARD BRANCH	SULFATES, TOTAL DISSOLVED SOLIDS
361	LOWER WABASH	05120111160070	SULLIVAN CO	INB11G7_00	KETTLE CREEK	DISSOLVED OXYGEN

TABLE 5: PROPOSED 2004 303(d) LIST OF IMPAIRED WATERS FOR INDIANA (CATEGORY 5)

303(d) #	MAJOR BASIN	14 DIGIT HYDROLOGIC UNIT CODE	COUNTY	SEGMENT ID NUMBER	WATERBODY NAME	PARAMETERS OF CONCERN
363	LOWER WABASH	05120111060050	VIGO CO	INB1165_00	HONEY CREEK- ALLENDALE	IMPAIRED BIOTIC COMMUNITIES
363	LOWER WABASH	05120111060070	VIGO CO	INB1167_00	HONEY CREEK - THOMPSON DITCH TO MOUTH	IMPAIRED BIOTIC COMMUNITIES
364	LOWER WABASH	05120111040040	VIGO CO	INB1144_00	LOST CREEK-NORTH TRIBUTARY	IMPAIRED BIOTIC COMMUNITIES
365	LOWER WABASH	05120111030060	VIGO CO	INB1136_T1033	SULPHUR CREEK UNNAMED TRIBUTARY 2 BASIN	SULFATES
366	LOWER WABASH	05120111030040	VIGO CO	INB1134_T1031	NORTH BRANCH OTTER CREEK - DIAMOND CR TO LITTLE CR	ZINC
366	LOWER WABASH	05120111030050	VIGO CO	INB1135_T1032	NORTH BRANCH OTTER CR - LITTLE CR TO MOUTH	ZINC
367	WEST FORK WHITE	05120202020050	OWEN CO	INW0225_T1059	RATTLESNAKE CREEK	IMPAIRED BIOTIC COMMUNITIES, E. COLI
368	EAST FORK WHITE	05120208160050	ORANGE CO	INW08G5_T1062	LOST RIVER AND TRIBS	E. COLI
369	EAST FORK WHITE	05120208120030	MARTIN CO	INW08C3_T1059	BEAVER CREEK	IMPAIRED BIOTIC COMMUNITIES
375	EAST FORK WHITE	05120206050070	JACKSON CO	INW0657_T1024	UNNAMED TRIBUTARY	TOTAL DISSOLVED SOLIDS, DISSOLVED OXYGEN, CHLORIDES
378	EAST FORK WHITE	05120207010050	JEFFERSON, JENNINGS, SCOTT, JACKSON CO'S	INW0715_00	BIG CREEK - HENSLEY CREEK	E. COLI
381	OHIO TRIBUTARIES	05090203080030	OHIO CO	INV0383_00	SOUTH FORK LAUGHERY CREEK- LOWER	E. COLI
382	OHIO TRIBUTARIES	05090203040070	RIPLEY CO	INV0347_T1026	SOUTH HOGAN CREEK	IMPAIRED BIOTIC COMMUNITIES, E. COLI
382	OHIO TRIBUTARIES	05090203040080	DEARBORN CO	INV0348_T1025	WHITAKER CREEK	IMPAIRED BIOTIC COMMUNITIES, E. COLI
382	OHIO TRIBUTARIES	05090203040090	DEARBORN CO	INV0349_T1027	SOUTH HOGAN CREEK	IMPAIRED BIOTIC COMMUNITIES, E. COLI
383	OHIO TRIBUTARIES	05090203060110	RIPLEY CO	INV036B_T1029	LAUGHERY CREEK	E. COLI
383	OHIO TRIBUTARIES	05090203060130	RIPLEY CO	INV036D_T1030	LAUGHERY CREEK	E. COLI
383	OHIO TRIBUTARIES	05090203060140	RIPLEY CO	INV036E_T1031	LAUGHERY CREEK	E. COLI

TABLE 5: PROPOSED 2004 303(d) LIST OF IMPAIRED WATERS FOR INDIANA (CATEGORY 5)

303(d) #	MAJOR BASIN	14 DIGIT HYDROLOGIC UNIT CODE	COUNTY	SEGMENT ID NUMBER	WATERBODY NAME	PARAMETERS OF CONCERN
384	OHIO TRIBUTARIES	05090203030090	DEARBORN CO	INV0339_T1024	TANNERS CREEK	IMPAIRED BIOTIC COMMUNITIES
385	OHIO TRIBUTARIES	05140101030040	JEFFERSON CO	INN0134_T1034	INDIAN KENTUCK CREEK	IMPAIRED BIOTIC COMMUNITIES
386	OHIO TRIBUTARIES	05140101030060	JEFFERSON CO	INN0136_00	WEST FORK INDIAN KENTUCK- HEADWATERS	IMPAIRED BIOTIC COMMUNITIES
387	OHIO TRIBUTARIES	05140101070090	CLARK CO	INN0179_00	FOURTEEN MILE CREEK-DRY BRANCH	E. COLI
387	OHIO TRIBUTARIES	05140101070100	CLARK CO	INN017A_00	YANKEE CREEK	E. COLI
387	OHIO TRIBUTARIES	05140101070100	CLARK CO	INN017A_T1031	OWEN CREEK	IMPAIRED BIOTIC COMMUNITIES, AMMONIA, DISSOLVED OXYGEN, E. COLI
389	OHIO TRIBUTARIES	05140101140110	CLARK CO	INN01EB_T1033	SILVER CREEK TRIB	IMPAIRED BIOTIC COMMUNITIES, DISSOLVED OXYGEN
390	OHIO TRIBUTARIES	05140104210030	PERRY CO	INN04N3_00	BIG POISON CREEK	DISSOLVED OXYGEN
391	OHIO TRIBUTARIES	05140104200080	PERRY CO	INN04M8_00	LITTLE OIL CREEK	E. COLI, DISSOLVED OXYGEN
392	OHIO TRIBUTARIES	05140104200070	PERRY CO	INN04M7_00	OIL CREEK-WEBB BRANCH	IMPAIRED BIOTIC COMMUNITIES
393	OHIO TRIBUTARIES	05140104180070	CRAWFORD CO	INN04J7_T1046	BOGARD CREEK	IMPAIRED BIOTIC COMMUNITIES
394	OHIO TRIBUTARIES	05140104180040	CRAWFORD CO	INN04J4_T1048	OTTER CREEK TRIB	IMPAIRED BIOTIC COMMUNITIES
395	OHIO TRIBUTARIES	05140104180030	CRAWFORD CO	INN04J3_T1047	LITTLE BLUE RIVER	IMPAIRED BIOTIC COMMUNITIES, SULFATES, TOTAL DISSOLVED SOLIDS
396	OHIO TRIBUTARIES	05140104180050	CRAWFORD CO	INN04J5_00	LITTLE BLUE RIVER- GRANTSBURG	E. COLI
397	OHIO TRIBUTARIES	05140104050070	HARRISON CO	INN0457_00	BUCK CREEK-MAIN STEM	IMPAIRED BIOTIC COMMUNITIES, E. COLI
398	OHIO TRIBUTARIES	05140104100030	HARRISON CO	INN04A3_00	INDIAN CREEK- DEVILS BACKBONE	E. COLI, DISSOLVED OXYGEN
399	OHIO TRIBUTARIES	05140104090040	HARRISON CO	INN0494_00	INDIAN CREEK- CRANDALL BRANCH	E. COLI
399	OHIO TRIBUTARIES	05140104090060	HARRISON CO	INN0496_T1051	INDIAN CREEK	E. COLI

TABLE 5: PROPOSED 2004 303(d) LIST OF IMPAIRED WATERS FOR INDIANA (CATEGORY 5)

303(d) #	MAJOR BASIN	14 DIGIT HYDROLOGIC UNIT CODE	COUNTY	SEGMENT ID NUMBER	WATERBODY NAME	PARAMETERS OF CONCERN
400	OHIO TRIBUTARIES	05140104130080	WASHINGTON CO	INN04D8_T1041	SOUTH FORK BLUE RIVER	IMPAIRED BIOTIC COMMUNITIES
400	OHIO TRIBUTARIES	05140104130080	WASHINGTON CO	INN04D8_T1044	SOUTH FORK BLUE RIVER	IMPAIRED BIOTIC COMMUNITIES
401	OHIO TRIBUTARIES	05140104080020	FLOYD CO	INN0482_00	LITTLE INDIAN CREEK (NORTH)	IMPAIRED BIOTIC COMMUNITIES
402	OHIO TRIBUTARIES	05140201150020	WARRICK CO	INE01F2_00	OTTER CREEK (LOWER)	SULFATES, TOTAL DISSOLVED SOLIDS
403	OHIO TRIBUTARIES	05140201140020	WARRICK CO	INE01E2_T1048	N. F. LITTLE PIGEON CR AND TRIB	IMPAIRED BIOTIC COMMUNITIES
404	OHIO TRIBUTARIES	05140201090050	SPENCER CO	INE0195_00	LITTLE SANDY CREEK	IMPAIRED BIOTIC COMMUNITIES, SULFATES, DISSOLVED OXYGEN, TOTAL DISSOLVED SOLIDS
405	OHIO TRIBUTARIES	05140201080030	SPENCER CO	INE0183_00	CROOKED CREEK-LIBERAL	E. COLI, DISSOLVED OXYGEN
405	OHIO TRIBUTARIES	05140201080050	SPENCER CO	INE0185_00	CROOKED CREEK-CEDAR CREST LAKE	E. COLI, DISSOLVED OXYGEN
406	OHIO TRIBUTARIES	05140201070100	SPENCER CO	INE017A_T1047	ANDERSON RIVER AND TRIBS	IMPAIRED BIOTIC COMMUNITIES, DISSOLVED OXYGEN, E. COLI
407	OHIO TRIBUTARIES	05140201070040	PERRY CO	INE0174_T1046	ROCKHOUSE BRANCH	IMPAIRED BIOTIC COMMUNITIES
408	OHIO TRIBUTARIES	05140201060050	PERRY CO	INE0165_T1053	MIDDLE FORK ANDERSON R	E. COLI, DISSOLVED OXYGEN
409	OHIO TRIBUTARIES	05140201040040	PERRY CO	INE0144_00	DEER CREEK-MAIN STEM	DISSOLVED OXYGEN
410	OHIO TRIBUTARIES	05140202030050	WARRICK CO	INE0235_00	SQUAW CREEK	SULFATES, TOTAL DISSOLVED SOLIDS
411	OHIO TRIBUTARIES	05140202020070	GIBSON CO	INE0227_T1030	SMITH FORK	IMPAIRED BIOTIC COMMUNITIES, SULFATES, TOTAL DISSOLVED SOLIDS
412	LOWER WABASH	05120113110120	POSEY CO	INB13BC_00	LITTLE CREEK-LOWER	NUTRIENTS, PH
413	LOWER WABASH	05120113110100	POSEY CO	INB13BA_00	LITTLE CREEK-WOLF CREEK	IMPAIRED BIOTIC COMMUNITIES
414	LOWER WABASH	05120113110160	POSEY CO	INB13BG_00	BIG CREEK-ALEXANDER CREEK	IMPAIRED BIOTIC COMMUNITIES

TABLE 5: PROPOSED 2004 303(d) LIST OF IMPAIRED WATERS FOR INDIANA (CATEGORY 5)

303(d) #	MAJOR BASIN	14 DIGIT HYDROLOGIC UNIT CODE	COUNTY	SEGMENT ID NUMBER	WATERBODY NAME	PARAMETERS OF CONCERN
415	UPPER ILLINOIS	07120002030070	JASPER CO	INK0237_T1020	CARPENTER CREEK TRIBUTARY	IMPAIRED BIOTIC COMMUNITIES, NUTRIENTS, DISSOLVED OXYGEN
416	GREAT LAKES	04050001090020	STEBEN CO	INJ01P1050_00	BIG OTTER LAKE	IMPAIRED BIOTIC COMMUNITIES
417	GREAT LAKES	04050001090020	STEBEN CO	INJ01P1053_00	SEVEN SISTERS LAKES	IMPAIRED BIOTIC COMMUNITIES
420	GREAT LAKES	04050001110040	STEBEN CO	INJ01P1083_00	MESERVE LAKE	IMPAIRED BIOTIC COMMUNITIES
421	GREAT LAKES	04050001090060	STEBEN CO	INJ01P1144_00	LIME LAKE	IMPAIRED BIOTIC COMMUNITIES
423	GREAT LAKES	04050001110110	STEBEN CO	INJ01P1093_00	LAKE OF THE WOODS	IMPAIRED BIOTIC COMMUNITIES
424	GREAT LAKES	04050001120050	LAGRANGE CO	INJ01P1157_00	NORTH TWIN LAKE	IMPAIRED BIOTIC COMMUNITIES
425	GREAT LAKES	04050001120030	LAGRANGE CO	INJ01P1132_00	ROYER LAKE	IMPAIRED BIOTIC COMMUNITIES
426	GREAT LAKES	04050001120030	LAGRANGE CO	INJ01P1133_00	FISH LAKE	IMPAIRED BIOTIC COMMUNITIES
427	GREAT LAKES	04050001170030	LAGRANGE CO	INJ01P1261_00	MESSICK LAKE	IMPAIRED BIOTIC COMMUNITIES
728	GREAT LAKES	04050001170030	LAGRANGE CO	INJ01P1262_00	HACKENBURG LAKE	IMPAIRED BIOTIC COMMUNITIES
429	GREAT LAKES	04050001170020	LAGRANGE CO	INJ01P1263_00	DALLAS LAKE	IMPAIRED BIOTIC COMMUNITIES
430	GREAT LAKES	04050001170020	LAGRANGE CO	INJ01P1267_00	WITMER LAKE	IMPAIRED BIOTIC COMMUNITIES
435	UPPER ILLINOIS	07120001060080	MARSHALL CO	INK01P1037_00	LAWRENCE LAKE	IMPAIRED BIOTIC COMMUNITIES
436	UPPER ILLINOIS	07120001060080	MARSHALL CO	INK01P1038_00	MYERS LAKE	IMPAIRED BIOTIC COMMUNITIES
438	UPPER WABASH	05120106010070	KOSCIUSKO CO	INB06P1067_00	SECHRIST LAKE	IMPAIRED BIOTIC COMMUNITIES
440	UPPER WABASH	05120106010080	KOSCIUSKO CO	INB06P1063_00	OSWEGO LAKE	IMPAIRED BIOTIC COMMUNITIES
441	UPPER WABASH	05120106010080	KOSCIUSKO CO	INB06P1056_00	JAMES LAKE	IMPAIRED BIOTIC COMMUNITIES
448	GREAT LAKES	04050001200010	NOBLE CO	INJ01P1193_00	KNAPP LAKE	IMPAIRED BIOTIC COMMUNITIES
449	GREAT LAKES	04050001200010	NOBLE CO	INJ01P1195_00	HINDMAN LAKE	IMPAIRED BIOTIC COMMUNITIES
450	GREAT LAKES	04050001200010	NOBLE CO	INJ01P1196_00	GORDY LAKE	IMPAIRED BIOTIC COMMUNITIES
451	GREAT LAKES	04050001200010	NOBLE CO	INJ01P1198_00	VILLAGE LAKE	IMPAIRED BIOTIC COMMUNITIES
457	UPPER WABASH	05120104020030	WHITLEY CO	INB04P1035_00	SHRINER LAKE	IMPAIRED BIOTIC COMMUNITIES
464	WEST FORK WHITE	05120201120100	MARION CO	INW01P1069_00	EAGLE CREEK RESERVOIR	TASTE AND ODOR, ALGAE

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303(d) #	MAJOR BASIN	14 DIGIT HYDROLOGIC UNIT CODE	COUNTY	SEGMENT ID NUMBER	WATERBODY NAME	PARAMETERS OF CONCERN
470	EAST FORK WHITE	05120208080040	MONROE CO	INW08P1140_00	MONROE RESERVOIR (UPPER)	TASTE AND ODOR, ALGAE
476	OHIO TRIBUTARIES	05140104120040	WASHINGTON CO	INN04P1029_00	LAKE SALINDIA	TASTE AND ODOR, ALGAE
477	EAST FORK WHITE	05120208010050	WASHINGTON CO	INW08P1051_00	JOHN HAYS LAKE	TASTE AND ODOR, ALGAE
479	OHIO TRIBUTARIES	05140201140040	DUBOIS CO	INE01P1021_00	HOLLAND LAKE 1	TASTE AND ODOR, ALGAE
480	OHIO TRIBUTARIES	05140201140040	DUBOIS CO	INE01P1054_00	HOLLAND LAKE 2	TASTE AND ODOR, ALGAE
484	GREAT LAKES	04040001050050	PORTER CO	INC0155_00	GUSTAFSON DITCH - OTHER TRIBUTARIES	E. COLI
485	WEST FORK WHITE	05120201080120	HAMILTON CO	INW018C_00	SLY RUN AND TRIBS	E. COLI
486	PATOKA RIVER	05120209030010	DUBOIS CO	INP0931_00	HALL CREEK- HEADWATERS	E. COLI
487	PATOKA RIVER	05120209050010	PIKE CO	INP0951_00	FLAT CREEK HEADWATERS	IMPAIRED BIOTIC COMMUNITIES, E. COLI, SULFATES, TOTAL DISSOLVED SOLIDS
487	PATOKA RIVER	05120209050020	PIKE CO	INP0952_00	FLAT CREEK-BUCK CREEK	IMPAIRED BIOTIC COMMUNITIES, E. COLI, SULFATES, TOTAL DISSOLVED SOLIDS
487	PATOKA RIVER	05120209050030	PIKE CO	INP0953_00	FLAT CREEK	E. COLI
487	PATOKA RIVER	05120209050030	PIKE CO	INP0953_T1065	LITTLE FLAT CREEK	TOTAL DISSOLVED SOLIDS
487	PATOKA RIVER	05120209050030	PIKE CO	INP0953_T1066	UNNAMED TRIBUTARY (HOBBS CEMETERY)	E. COLI
488	PATOKA RIVER	05120209060050	PIKE CO	INP0965_00	PATOKA RIVER-LICK MILL CREEKS	IMPAIRED BIOTIC COMMUNITIES, SULFATES, TOTAL DISSOLVED SOLIDS
489	PATOKA RIVER	05120209070020	PIKE CO	INP0972_00	HOUCHIN DITCH	TOTAL DISSOLVED SOLIDS
489	PATOKA RIVER	05120209070030	PIKE CO	INP0973_00	SOUTH FORK PATOKA R- SPURGEON TRIBUTARIES	TOTAL DISSOLVED SOLIDS

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303(d) #	MAJOR BASIN	14 DIGIT HYDROLOGIC UNIT CODE	COUNTY	SEGMENT ID NUMBER	WATERBODY NAME	PARAMETERS OF CONCERN
489	PATOKA RIVER	05120209070040	PIKE CO	INP0974_00	HONEY CREEK (SOUTH FORK PATOKA) TRIBUTARIES	TOTAL DISSOLVED SOLIDS, SULFATES
489	PATOKA RIVER	05120209070050	GIBSON CO	INP0975_00	SOUTH FORK PATOKA R- WHEELER/LICK CREEKS	TOTAL DISSOLVED SOLIDS
490	PATOKA RIVER	05120209080020	PIKE CO	INP0982_00	EAST FORK KEG CREEK	E. COLI
491	WEST FORK WHITE	05120202100050	PIKE CO	INW02A5_00	CONGER CREEK- LITTLE CONGER CREEK	E. COLI
491	WEST FORK WHITE	05120202100060	KNOX CO	INW02A6_00	HARBIN CREEK	E. COLI
492	WEST FORK WHITE	05120202090040	KNOX CO	INW0294_00	UNNAMED TRIBUTARY NW OF OLD WHEATLAND RD	PH, DISSOLVED OXYGEN, TOTAL DISSOLVED SOLIDS
493	WEST FORK WHITE	05120202090020	DAVIESS CO	INW0292_00	VEALE CREEK SLOUGH	E. COLI
493	WEST FORK WHITE	05120202090030	DAVIESS CO	INW0293_00	VEALE CREEK- LOWER	E. COLI
494	WEST FORK WHITE	05120202080070	DAVIESS CO	INW0287_T1063	PRAIRIE CREEK	IMPAIRED BIOTIC COMMUNITIES, E. COLI
494	WEST FORK WHITE	05120202080080	DAVIESS CO	INW0288_T1064	PRAIRIE CREEK	IMPAIRED BIOTIC COMMUNITIES, E. COLI
495	WEST FORK WHITE	05120202060050	DAVIESS CO	INW0265_00	BLACK CREEK- RAMSEY/CALICO SLASH DITCHES	E. COLI
495	WEST FORK WHITE	05120202060060	DAVIESS CO	INW0266_00	SINGER DITCH(UPPER)-HILL DITCH	E. COLI
495	WEST FORK WHITE	05120202060070	KNOX CO	INW0267_00	BLACK CREEK- SINGER DITCH-WHITE R OXBOWS TRIBUTARIES	E. COLI
496	WEST FORK WHITE	05120202060020	GREENE CO	INW0262_00	BLACK CREEK- BREWER DITCH	IMPAIRED BIOTIC COMMUNITIES, SULFATES, TOTAL DISSOLVED SOLIDS
497	WEST FORK WHITE	05120202060030	GREENE CO	INW0263_00	BUCK CREEK (GREENE)	SULFATES, TOTAL DISSOLVED SOLIDS, E. COLI
498	WEST FORK WHITE	05120202040040	GREENE CO	INW0244_00	BEECH CREEK	E. COLI

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303(d) #	MAJOR BASIN	14 DIGIT HYDROLOGIC UNIT CODE	COUNTY	SEGMENT ID NUMBER	WATERBODY NAME	PARAMETERS OF CONCERN
498	WEST FORK WHITE	05120202040050	GREENE CO	INW0245_00	ORE BRANCH TRIBUTARIES	E. COLI
499	WEST FORK WHITE	05120202020100	OWEN CO	INW022A_00	EAST FORK FISH CREEK	E. COLI
499	WEST FORK WHITE	05120202020110	OWEN CO	INW022B_00	WEST FORK FISH CREEK	E. COLI
499	WEST FORK WHITE	05120202020120	OWEN CO	INW022C_00	FISH CREEK-SAND LICK CREEK	E. COLI
499	WEST FORK WHITE	05120202020130	OWEN CO	INW022D_00	FISH CREEK-WEST FORK	E. COLI
499	WEST FORK WHITE	05120202020140	OWEN CO	INW022E_00	FISH CREEK-MACK CREEK	E. COLI
500	WEST FORK WHITE	05120202020050	OWEN CO	INW0225_00	RATTLESNAKE CREEK	E. COLI
501	WEST FORK WHITE	05120202020070	OWEN CO	INW0227_00	RACCOON CREEK- LITTLE RACCOON CREEK	E. COLI
501	WEST FORK WHITE	05120202020080	OWEN CO	INW0228_00	RACCOON CREEK- LICK CREEK	E. COLI
502	WEST FORK WHITE	05120203070060	OWEN CO	INW0376_00	NORTH FORK JORDAN CREEK	E. COLI
502	WEST FORK WHITE	05120203070070	CLAY CO	INW0377_00	JORDAN CREEK- LOWER	E. COLI
503	WEST FORK WHITE	05120203070050	OWEN CO	INW0375_00	JORDON CREEK- HEADWATERS (OWEN)	E. COLI
504	WEST FORK WHITE	05120203060160	PUTNAM CO	INW036G_00	DOE CREEK- FERGUSON BRANCH	E. COLI
505	WEST FORK WHITE	05120201140050	MORGAN CO	INW01E5_00	CROOKED CREEK- BANTA CREEK	E. COLI
506	WEST FORK WHITE	05120201130110	JOHNSON CO	INW01DB_00	PLEASANT RUN CREEK-BUFFALO CREEK	E. COLI
507	WEST FORK WHITE	05120201150080	HENDRICKS CO	INW01F8_00	WEST FORK WHITE LICK CREEK- HEADWATERS	E. COLI
507	WEST FORK WHITE	05120201150090	HENDRICKS CO	INW01F9_00	WEST FORK WHITE LICK CREEK- THOMPSON CREEK	E. COLI
508	WEST FORK WHITE	05120201090080	MARION CO	INW0198_T1056	BROADRIPPLE TRIBUTARIES	E. COLI
509	WEST FORK WHITE	05120201120130	MARION CO	INW01CD_00	LITTLE EAGLE CREEK-FALCON CREEK/DRY RUN	E. COLI
510	WEST FORK WHITE	05120201120120	MARION CO	INW01CC_00	LITTLE EAGLE CREEK-GUION CREEK	IMPAIRED BIOTIC COMMUNITIES, E. COLI

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511	WEST FORK WHITE	05120201080090	HAMILTON CO	INW0189_00	BENNETT DT/TAYLOR CREEK AND OTHER TRIBUTARIES	E. COLI
512	WEST FORK WHITE	05120201070040	MADISON CO	INW0174_00	STONE CREEK-HEADWATERS	E. COLI
512	WEST FORK WHITE	05120201070050	HAMILTON CO	INW0175_00	STONE CREEK - WILLIAM LOCK DITCH TRIBUTARIES	E. COLI
512	WEST FORK WHITE	05120201070060	HAMILTON CO	INW0176_00	WILLIAM LEHR DITCH AND OTHER TRIBUTARIES	E. COLI
512	WEST FORK WHITE	05120201070070	HAMILTON CO	INW0177_00	NORTH TRIB (NOBLESVILLE)	E. COLI
513	WEST FORK WHITE	05120201100100	MADISON CO	INW01AA_00	LICK CREEK HEADWATERS (MARKLEVILLE)	IMPAIRED BIOTIC COMMUNITIES, E. COLI
513	WEST FORK WHITE	05120201100110	MADISON CO	INW01AB_00	LICK CREEK-MANIFOLD/MCFADDE N DITCHES	IMPAIRED BIOTIC COMMUNITIES, E. COLI
514	WEST FORK WHITE	05120201100030	HENRY CO	INW01A3_00	FALL CREEK-MUD CREEK/LITTLE CREEK TRIBUTARIES	IMPAIRED BIOTIC COMMUNITIES, E. COLI
515	WEST FORK WHITE	05120201070030	HAMILTON CO	INW0173_00	MALLORY GRANGER DITCH/ INGERMAN DITCH BASINS	E. COLI
516	WEST FORK WHITE	05120201060010	MADISON CO	INW0161_00	DUCK CREEK-TODD DITCH	E. COLI
516	WEST FORK WHITE	05120201060020	MADISON CO	INW0162_00	LITTLE DUCK CREEK BASIN	E. COLI
516	WEST FORK WHITE	05120201060020	MADISON CO	INW0162_T1228	BIG DUCK CREEK	E. COLI
516	WEST FORK WHITE	05120201060030	MADISON CO	INW0163_00	POLYWOG CREEK	E. COLI
516	WEST FORK WHITE	05120201060050	HAMILTON CO	INW0165_00	BEAR CREEK-WEST FORK BEAR CREEK	E. COLI
516	WEST FORK WHITE	05120201060060	HAMILTON CO	INW0166_00	DUCK CREEK	E. COLI
516	WEST FORK WHITE	05120201060060	HAMILTON CO	INW0166_T1227	LONG BRANCH	E. COLI
516	WEST FORK WHITE	05120201070020	HAMILTON CO	INW0172_00	SUGAR RUN AND OTHER TRIBUTARIES	E. COLI
517	WEST FORK WHITE	05120201060040	HAMILTON CO	INW0164_00	LAMBERSON DITCH	IMPAIRED BIOTIC COMMUNITIES, E. COLI

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303(d) #	MAJOR BASIN	14 DIGIT HYDROLOGIC UNIT CODE	COUNTY	SEGMENT ID NUMBER	WATERBODY NAME	PARAMETERS OF CONCERN
518	WEST FORK WHITE	05120201080040	TIPTON CO	INW0184_00	CICERO CREEK- CAMPBELL DITCH	E. COLI
518	WEST FORK WHITE	05120201080050	TIPTON CO	INW0185_00	CICERO CREEK- TOBIN DITCH	E. COLI
518	WEST FORK WHITE	05120201080060	HAMILTON CO	INW0186_00	CICERO CREEK- BACON PRAIRIE CR/BUSCHER DT	E. COLI
519	WEST FORK WHITE	05120201080010	TIPTON CO	INW0181_00	COX DITCH- CHRISTY/KIGIN DITCHES	IMPAIRED BIOTIC COMMUNITIES, NUTRIENTS, ALGAE
520	WEST FORK WHITE	05120201040010	DELAWARE CO	INW0141_00	KILLBUCK CREEK	IMPAIRED BIOTIC COMMUNITIES, E. COLI
520	WEST FORK WHITE	05120201040020	DELAWARE CO	INW0142_00	KILLBUCK CREEK- THRUSTON DITCH	IMPAIRED BIOTIC COMMUNITIES, E. COLI
520	WEST FORK WHITE	05120201040030	DELAWARE CO	INW0143_00	JAKES CREEK-EAGLE BRANCH	E. COLI
520	WEST FORK WHITE	05120201040040	DELAWARE CO	INW0144_00	KILLBUCK CREEK- PLEASANT RUN CREEK	IMPAIRED BIOTIC COMMUNITIES, E. COLI
520	WEST FORK WHITE	05120201040050	DELAWARE CO	INW0145_00	KILLBUCK CREEK	E. COLI
520	WEST FORK WHITE	05120201040060	MADISON CO	INW0146_00	LITTLE KILLBUCK CREEK-NELSON BROOK	E. COLI
520	WEST FORK WHITE	05120201040090	MADISON CO	INW0149_00	INDIAN CREEK (MADISON)	E. COLI
521	WEST FORK WHITE	05120201030010	DELAWARE CO	INW0131_00	YORK PRAIRIE CREEK AND OTHER TRIBUTARIES	E. COLI
521	WEST FORK WHITE	05120201030020	MADISON CO	INW0132_00	SHOEMAKER DITCH AND OTHER TRIBUTARIES	E. COLI
522	UPPER WABASH	05120104050070	MIAMI CO	INB0457_00	SQUIRREL CREEK (LOWER)	E. COLI
523	UPPER WABASH	05120106080020	PULASKI CO	INB0682_00	TIPPECANOE RIVER - AGNEW DITCH - MOSS DITCH	E. COLI
524	OHIO TRIBUTARIES	05140201140110	WARRICK CO	INE01EB_T1051	UNNAMED TRIB BARREN FORK	AMMONIA, SULFATES, TOTAL DISSOLVED SOLIDS
525	WEST FORK WHITE	05120202060010	GREENE CO	INW02P1111_00	ROUND LAKE	PH
526	WEST FORK WHITE	05120202060020	GREENE CO	INW02P1097_00	RESERVOIR NUMBER 29	PH
527	OHIO TRIBUTARIES	05090203180030	SWITZERLAND CO	INV03J3_T1040	THURSTON CREEK	E. COLI

**Indiana's 303(d) Listing Methodology for
Impaired Waterbodies and Total Maximum Daily Load
for Listing Cycle 2004
August 2003**

Regulatory Background

Section 303(d) of the 1972 Federal CWA requires each state to identify those waters that do not meet the state's water quality standards for designated uses. For these impaired waters, states are required to establish total maximum daily loads (TMDLs) to meet the state water quality standards. In addition, the U.S. EPA has released guidance recommending that states, territories, and authorized tribes submit an Integrated Water Quality Monitoring and Assessment Report that will satisfy CWA requirements for both the Section 305(b) water quality report and Section 303(d) list of impaired waters. Indiana will integrate this guidance into the IDEM's 303(d) listing methodology.

Indiana Department of Environmental Management's (IDEM's) Surface Water Quality Monitoring Strategy

IDEM has developed a surface water quality monitoring strategy to assess the quality of Indiana's ambient waters. The goals of this monitoring strategy are as follows:

- 1) Measure the physical, chemical, bacteriological and biological quality of the aquatic environment in all river basins and identify factors responsible for impairment.
- 2) Assess the impact of human and other activities on the surface water resource.
- 3) Identify trends through the analysis of environmental data.
- 4) Provide environmental quality assessment to support water quality management programs.

To achieve the goals listed above, IDEM has divided the state into five major water management basins. The monitoring strategy calls for rotating through each of these basins once every five years to monitor Indiana's rivers, streams, and lakes under the following data-collection sampling programs:

- 1) Watershed Monitoring Program.
- 2) Fixed Station Monitoring Program.
- 3) *E. coli* Monitoring Program.
- 4) Fish Community Monitoring Program.
- 5) Fish Tissue Contaminant Monitoring Program.
- 6) Macroinvertebrate Community Monitoring Program.
- 7) Special Projects.

Designated Uses

IDEM, within the framework of the state's water quality monitoring strategy, monitors and assesses Indiana's surface waters to insure they meet the state water quality standards for designated uses. The water quality standards are designed to insure that all waters of the state, unless specifically exempted, are safe for full body contact recreation and are protective of aquatic life, wildlife, and human health.

Water Quality Assessment Methodology

Use Support/Impairment status is determined for each stream waterbody using the assessment guidelines provided in the U.S. EPA documents *Guidelines for Preparation of the State Water Quality Assessments (305[b] Reports) and Electronic Updates: Report Contents*. Washington, DC: U. S. Environmental Protection Agency. (EPA-841-B-97-002A.) and *Guidance for 2004 Assessment, Listing, and Reporting Requirements Pursuant to Sections 303(d) and 305(b) of the Clean Water Act, July 21, 2003*, Watershed Branch, U. S. Environmental Protection Agency. Available results from six monitoring result types listed below are integrated to provide an assessment for each stream waterbody for 305(b) reporting and 303(d) listing purposes.*

- Physical/chemical water results.
- Fish community assessment.
- Benthic aquatic macroinvertebrate community assessments.
- Fish tissue and surficial aquatic sediment contaminant results.
- Habitat evaluation.
- *E. coli* monitoring results.

Hydrologic Unit Areas

Waterbodies are identified based on watershed areas known as 14- digit hydrologic unit areas (HUAs). These watersheds range from about five thousand (5,000) to twenty thousand (20,000) acres in Indiana. The average 14-digit hydrologic unit area in Indiana is about twelve thousand (12,000) acres or twenty (20) square miles. River miles in a 14- digit watershed are designated as one waterbody. These waterbodies may be broken into smaller segments to properly reflect the water quality assessment. Each lake in a watershed is reported as a separate waterbody.

Large rivers with over one thousand (1,000) square miles of drainage area are tracked by reach of the mainstem within hydrologic unit areas. This way the wadeable streams and nonwadeable streams are separated so that issues, such as sampling techniques, which might bias results can be considered within a class of streams.

* IDEM staff from the following program areas were involved in the evaluation of Indiana's waterbodies: the TMDL Group, the Environmental Toxicology and Chemistry Section, Biological Studies Section, Water Quality Surveys Section, and Water Quality Standards Section. Staff from other program areas were consulted where appropriate.

Lakes, reservoirs, and wetlands are tracked individually. They are reported with the hydrologic unit area in which they are located whether or not the lake or reservoir is also included as a linear stream feature in the National Hydrography Dataset (NHD).

Lake Michigan is tracked both as Great Lake shoreline miles and as a lake with its own United States Geological Survey (USGS) cataloging unit (eight-digit hydrologic unit area). The shoreline is assigned mileage units. Lake Michigan as a separate lake waterbody is assigned acreage units. Hopefully, separate tracking will lead to better assessment and understanding of the water quality of the Indiana waters of this lake.

Water Quality Assessment Decisions

The water quality assessment process is applied to each data-sampling program. Then the individual assessments are integrated into a comprehensive assessment for each waterbody by use designation: aquatic life support, fish consumption, drinking water supply, and recreational use. Smaller segments are identified for stream reaches as needed when the assessment for a stream reach differed from the default waterbody segment assessment. Each segment in the 305(b) assessment database corresponds to a linear, polygonal, or point feature in the Indiana Reach Index geo-referenced with the NHD.

Water quality assessments are done by evaluating and coordinating data from site specific chemical (water, sediment and fish tissue), physical (habitat, flow data), and biological (fish community, macroinvertebrates, and *E. coli*) monitoring of Indiana's rivers, streams, and lakes. Chemical data for toxicants [total recoverable or dissolved metals, polynuclear aromatic hydrocarbons (PAHs), pesticides, ammonia, and cyanide], conventional water chemistry parameters (dissolved oxygen, pH, temperature, and anions), and bacteria (*E. coli*) were evaluated for compliance with Indiana's Water Quality Standards (327 IAC 2-1-6 and 327 IAC 2-1.5-8). U.S. EPA's 305(b) Guidelines were applied to chemical and biological data as indicated in *Guidelines for Preparation of the State Water Quality Assessments (305[b] Reports) and Electronic Updates: Supplement*. Washington, DC: U. S. Environmental Protection Agency. EPA-841-B-97-002B. A complete list of criteria used for use support assessments for aquatic life and human health for the 303(d) listing is provided in Table 1.

Table 1. Criteria for Use Support Assessment for 303(d) Listing

Parameter	
Aquatic Life Use Support	
Toxicants	Metals, pesticides, PAHs, cyanide, ammonia were evaluated on a site by site basis and judged according to the magnitude of the exceedance of water quality standards and the number of times exceedances occurred.
Conventional inorganics	Dissolved oxygen, pH, total dissolved solids, specific conductance, sulfate, chloride were evaluated for exceedance of water quality standards using U.S. EPA's guidelines.

Nutrients	Presence of some stream response dissolved oxygen, pH, algae, chlorophyll, field observations with corresponding high inorganic and/or organic nutrient parameters combined with possible nutrient source.		
Indiana Trophic State Index (lakes only)	Nutrients, dissolved oxygen, turbidity, algae growth, and sometimes pH were evaluated on a lake-by-lake basis. Each parameter judged according to magnitude.		
Parameter	Fully Supporting	Partially Supporting	Not Supporting
Benthic aquatic macroinvertebrate Index of Biotic Integrity (mIBI)*	mIBI \geq 4.	mIBI < 4 and ≥ 2 .	mIBI < 2 .
Qualitative habitat use evaluation (QHEI)*	QHEI \geq 64.	QHEI < 64 and ≥ 51 .	QHEI < 51 .
Fish community (IBI)* (Lower White River, West Fork)	IBI \geq 44.	IBI < 44 and ≥ 22	IBI < 22 .
Fish community (IBI)* (White, East Fork; Whitewater; and Upper Wabash basins)	IBI > 34	IBI ≤ 34 and ≥ 32	IBI < 32
Fish community (IBI)* (Lower Wabash, Upper Illinois, Great Lakes Basin, Ohio River tributaries)	IBI ≥ 32		IBI < 32

Table 1. Criteria for Use Support Assessment for 303(d) Listing

Human Health Recreational Use Support (Swimmable)			
Parameter	Fully Supporting	Partially Supporting	Not Supporting
Bacteria: at least 5 equally spaced samples over 30 days.	Meets both geometric mean and no more than one sample substantially $>$ single sample maximum	Meets geometric mean. More than one sample substantially $>$ single sample maximum.	Exceeds geometric mean.

* Biological impairment classifications for streams were based on the sampling and evaluation of either the fish communities and/or benthic aquatic macroinvertebrate communities. Indices of Biotic Integrity (IBI) for fish and/or macroinvertebrate IBI (mIBI) assessment scores were calculated and compared to regionally calibrated models. In evaluating fish communities, streams rating as “poor” or worse were classified as non-supporting for aquatic life uses. Those rated as “fair” were considered only partially supporting for aquatic life uses. For benthic aquatic macroinvertebrate communities, individual sites were compared to a statewide calibration at the family level of identification for Indiana. All sites at or above background for the calibration were considered to be supporting aquatic life uses. Those sites rated as moderately impaired in the calibration were considered to be partially supporting. Those sites rated as severely impaired in the calibration were considered to be non-supporting. Partial and non-support for aquatic life use was considered an impairment of the biological community. Consideration was also given to the size of the stream being assessed. Habitat evaluations were considered in determining the potential for waters to support aquatic communities. If habitat was the primary reason for non-support, then the waterbody was not considered for inclusion on IDEM’s 303(d) list (Category 5) of impaired waters (see Category 4C under “Consolidated Listing Methodology”).

Bacteria: grab samples (cfu = colony forming units)	No more than one grab sample (no more than 10% if 10 or more samples) substantially > single sample maximum	More than 10% of samples substantially > single sample maximum. No more than one sample > 10,000 cfu/100ml	More than 25% of samples substantially > single sample maximum or more than one sample > 10,000 cfu/100ml
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Note: All streams assessed as “Partially Supporting” or “Not Supporting” were considered for 303(d) listing purposes. Table was modified from Indiana Integrated Water Quality Assessment Report, 2002.

Lake assessments were based on the Indiana Trophic State (or eutrophication) Index, a modified version of the BonHomme Index developed for Indiana lakes in 1972. This multi-metric index combines chemical, physical, and biological data into one overall trophic score for each public lake and reservoir sampled. Scores range from 0 to 75. Lower values reflect lower concentrations of nutrients. This information is useful in evaluating watershed impacts on lakes. Declining or extirpated Cisco populations and the presence of exotic and potentially toxic blue-green algae species were also considered when evaluating lake water quality. For drinking water reservoirs, taste and odor was also considered as a potential indicator of other water quality problems within the waterbody.

Waterbodies were classified as monitored if surface water quality data used for assessments were no more than five years old, or were still considered representative of current conditions. Waterbodies with monitoring site(s) upstream and/or downstream, which were applicable to the waterbody, were classified as monitored. Waterbodies were classified as evaluated if the primary data used for assessment was more than five years old and little was known concerning changes in the watershed, or the assessment was based on other monitored waterbodies in the watershed. Only waterbodies designated as monitored were considered for 303(d) listing purposes.

TMDL Advisory Workgroup

Senate Enrolled Act 431 (P.L.140-2000), section 28 directs IDEM to appoint an advisory group consisting of a “working group of stakeholders” to advise IDEM and the Water Board on matters involving the implementation of Total Maximum Daily Load requirements. In response, IDEM established a group representing major stakeholders including, but not limited to, municipalities; soil and water conservation districts; utilities; county health departments; business, agricultural, and environmental interests; other state and federal agencies; and the general public. The group met regularly beginning in October of 2000. As part of this effort a subgroup was formed to focus on the 303(d) listing/de-listing methodology. As a result of this work a draft document of recommendations was presented to IDEM. These recommendations have been incorporated into IDEM’s listing/de-listing methodology for the 2002 303(d) list.

Advisory Group Recommendations

TMDL Advisory Workgroup recommendations concerning Listing and De-listing for the 303(d) list covered several topics such as water quality data, Quality Assurance/Quality

Control (QA/QC) of analytical data and use of best professional judgment in evaluating the data for the list. These recommendations include:

- Number of exceedances for water quality standards for conventional and non-conventional pollutants. Use best professional judgement if data indicate a real problem.
- Toxicants data, number of exceedances and their relationship with the acute and chronic water quality standards should be considered in making the water quality decisions.
- To collect good quality data, IDEM already has a Quality Assurance Project Plan (QAPP) in place for TMDL and other water quality monitoring projects. Data from external parties must either comply with IDEM QAPP or at least must comply with 40 CFR 136 analysis methodology and its corresponding Quality Assurance. Other data from professionals known by IDEM to have appropriate QA/QC could also be considered adequate for listing/de-listing decisions.
- Use category 4B to list waterbodies where data indicates the need for Fish Consumption Advisories.
- For biological data, use U.S. EPA guidance.
- IDEM staff should apply rational professional discretion. Written justification should be documented for stakeholders to understand how the decision was made.
- Sediment quality in a waterbody should be considered only as a component of best professional judgement. Because there is no approved IDEM metric for sediment quality, it should not stand alone as a reason for listing. However, the presence of a biological impairment related to sediment could be used as a reason for listing.
- Incidental impairments due to extraordinary conditions, floods and short-term spill are not representative of current conditions, should not be used for listing.
- A waterbody impaired solely due to a point source noncompliance with permit limits should not be listed, but addressed through an appropriate regulatory compliance program.
- For de-listing the following conditions could be considered as adequate: the original listing was deemed incorrect, the original impairment has been addressed and the new data provides evidence of supporting the designated use, appropriate new data suggests impairment does not exist any more, a TMDL has been completed, the water quality standard has changed, and the U.S. EPA guidance has changed such as for biological listings.
- IDEM should develop a listing and de-listing methodology as a policy that external stakeholders can understand.
- The Advisory Workgroup concurs with the IDEM on using the 5- Category list as a consolidated listing methodology as recommended in the U.S. EPA's 2002 "Integrated Water Quality Monitoring And Assessment Report Guidance".

Consolidated Listing Methodology

For the development of the 2004 303(d) list, IDEM has followed, to the degree possible, the 305(b) and 303(d) reporting methods outlined in the U.S. EPA's 2002 Integrated Water Quality Monitoring and Assessment Report Guidance and 2004 Assessment, Listing and Reporting Requirements documents. The integrated report is designed to satisfy the CWA requirements for both Section 305(b) water quality reports, and Section 303(d) lists. The 303(d) list was developed using the 305(b) Assessment Database.

Interpretation of the data and 303(d) listing decisions take into account IDEM's assessment methodologies for the 305(b) report, U.S. EPA guidance, and recommendations outlined by Indiana's TMDL Advisory Group. One aspect of the Integrated Water Quality Monitoring and Assessment Report Guidance calls for a comprehensive listing of all monitored or assessed water bodies in the state according to the state's assessment and listing methodology. Each waterbody is to be placed in one of five categories depending on the degree to which it supports designated uses. Delineation of these waterbodies or assessment units (AUs) will be based on the NHD. The NHD is a database created by U.S. EPA and the United States Geological Survey that provides a comprehensive coverage of hydrographic data for the United States. It uniquely identifies and interconnects the stream segments that comprise the nation's surface water drainage system. It also contains information for other common surface water bodies such as lakes, reservoirs, estuaries, and coastlines. States may use spatial resolution on a finer scale than the NHD, and U.S. EPA will translate that resolution into the NHD system. An explanation of the five categories is given below. The actual 303(d) list will consist of waterbodies listed in category five.

Listing of Waterbodies by Category:

Category 1 Attaining the water quality standard for all designated uses and no use is threatened.

Waterbodies should be listed in this category if there are data and information that meet the requirements of the state's assessment and listing methodology and support a determination that all water quality standards are attained and no designated use is threatened.

Category 2 Attaining some of the designated uses; no use is threatened; and insufficient or no data and information are available to determine if the remaining uses are attained or threatened. Waterbodies should be listed in this category if there are data and information which meet the requirements of the state's assessment and listing methodology to support a determination that some, but not all, designated uses are attained and none are threatened.

Category 3 Insufficient or no data and information to determine if any designated use is attained. Waterbodies should be listed in this category where the data or information to support an attainment determination for any use are not available, consistent with the requirements of the State's assessment and listing methodology. States should schedule monitoring on a priority basis to

obtain data and information necessary to classify these waters as Category 1, 2, 4, or 5.

- Category 4 Impaired or threatened for one or more designated uses but does not require the development of a TMDL.**
- A. **A TMDL has been completed that results in attainment of all applicable water quality standards, and has been approved by U.S. EPA.** Monitoring should be scheduled for these waterbodies to verify that the water quality standards are met when the water quality management actions needed to achieve all TMDLs are implemented.
 - B. **Other pollution control requirements are reasonably expected to result in the attainment of the water quality standards a reasonable period of time.** Consistent with the regulation under 130.7(b)(i),(ii), and (iii), waterbodies should be listed in this subcategory where other pollution control requirements required by local, state, or federal authority are stringent enough to achieve any water quality standard (WQS) applicable to such waters. Monitoring should be scheduled for these waterbodies to verify that the water quality standards are attained as expected.
 - C. **Impairment is not caused by a pollutant.** Waterbodies should be listed in this subcategory if the impairment is not caused by a pollutant.
- Category 5 The water quality standard is not attained. The waterbodies are impaired or threatened for one or more designated uses by a pollutant(s), and require a TMDL. This category constitutes the Section 303(d) list of waters impaired or threatened by a pollutant(s) for which one or more TMDL(s) are needed.** A waterbody should be listed in this category if it is determined, in accordance with the state's assessment and listing methodology, that a pollutant has caused, is suspected of causing, or is projected to cause an impairment. Where more than one pollutant is associated with the impairment of a single waterbody, the waterbody will remain in Category 5 until TMDLs for all pollutants have been completed and approved by U.S. EPA.

Because each situation is unique, resources, and data sets are sometimes limited, the 2004 listing process may at times require IDEM staff to apply rational professional discretion. Any waterbody assessed differently than indicated in the water quality assessment methodology outlined above will be accompanied by written justification, so that stakeholders will understand how each decision was made.

The 2004 303(d) list includes impaired waterbodies from the 2002 303(d) list that still require TMDL development. For a stream to be listed, it must have been monitored, and the data support listing. Any data, both internal or from outside sources, that is used for listing decisions must meet IDEM's quality assurance and quality control (QA/QC)

requirements as outlined in IDEM's TMDL and surface water quality monitoring Quality Assurance Project Plan.

De-listing of Waterbodies

The U.S. EPA's new guidance does not change existing rules for listing and de-listing. The existing regulations require states, at the request of the U.S. EPA's Regional Administrator, to demonstrate good cause for not including waterbodies on the 303(d) list that were included on previous 303(d) lists (pursuant to 40 C.F.R. 130.7(b)(6)(iv)). In general IDEM will only consider de-listing a waterbody if one of the following is true:

- 1) New data indicates that water quality standards are now being met for the waterbody under consideration
- 2) The listing methodology has changed, and the waterbody under consideration would not be considered impaired under the new methodology
- 3) A change has been made to the states water quality standards which would indicate that a listed waterbody is now considered supporting of designated uses
- 4) An error is discovered in either the sampling, testing, or reporting of data that led to an inappropriate listing
- 5) If it is determined that another program, besides the TMDL program, is better suited to address the water quality problem, or the problem is determined not to be caused by a pollutant (see Category 4B and 4C above).
- 6) A TMDL has been completed, and the waterbody is expected to meet water quality standards after implementation of the TMDL (see Category 4A above).

Fish Consumption Advisories

As previously indicated, section 303(d) of the 1972 Federal CWA requires each state to identify those waters that do not meet the state's water quality standards for designated uses. However, the CWA does not explicitly identify a fish consumption advisory (FCA) as a violation of the water quality standard. Therefore, how to categorize FCA's on the 303(d) list is somewhat ambiguous. According to the Environmental Council of the States (ECOS), the presence of a FCA on a waterbody does not necessarily indicate it is an impaired 303(d) listed water. In the past, Indiana had taken a very conservative approach and listed waters with FCA's on the 303(d) list.

As noted in the U.S. EPA July 2003, 303(d) listing guidance, current regulations do not require TMDL's for all waters. Waters that rely on other control measures may be excluded from Category 5 and placed in Category 4B. In Indiana, the majority of FCA's are for mercury and PCBs. The reduction of both of these substances in fish and waterbodies will depend on long term control measures other than a TMDL. In addition, the waterbodies previously listed for FCA's are not based on a violation of the water quality criterion in the water column for either mercury or PCBs, but are based on non-cancer risk-based analysis for the protection of public health. Therefore, waterbodies that

were previously listed for FCA's for PCBs and/or mercury in Category 5 will not be considered for TMDL development. These impaired streams will be listed in Category 4B, unless they are impaired for another parameter that requires TMDL development. Other pollution control programs will be used to address this issue.

TMDL Development Schedule and Prioritization

The TMDL development schedule corresponds with IDEM's basin-rotation water quality monitoring schedule. To take advantage of all available resources for TMDL development, waters on the 303(d) list (Category 5) will be scheduled for TMDL development according to the basin-rotation schedule unless there is a significant reason to deviate from this schedule. Waterbodies will also be scheduled based on the following:

- 1) Waterbodies may be given a high or low priority for TMDL development depending on the specific designated uses that are not being met, or in relation to the magnitude of the impairment.
- 2) TMDL development of waterbodies where other interested parties, such as local watershed groups, are working on alleviating the water quality problem may be delayed to give these other actions time to have a positive impact on the waterbody. If water quality standards still are not met, then the TMDL process will be initiated.
- 3) TMDLs that are required due to water quality violations relating to pollutant parameters where no U.S. EPA guidance is available, may be delayed to give U.S. EPA time to develop guidance.

Waterbodies on the 2004 303(d) list are scheduled to begin the TMDL process within 15 years (2004 – 2018). Since the CWA does not clearly define the timeline for TMDL development, U.S. EPA, in response to the Federal Advisory Committee Act (FACA) Committee's recommendations, issued guidance for States to develop expeditious schedules of not more than 8 – 15 years. 40 CFR section 130.7 also dictates that the 303(d) list specifically include the identification of waters targeted for TMDL development in the next 2 years.

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